WALLACES' FARMER
and Iowa Homestead

IOWA'S LEADING FARM NEWSPAPER

APRIL 7, 1956

Contour farming saves *precious* water

CONTOUR farming helps hold water on the hillsides—reduces run-off.

"No question about it!" declares Kenneth Pietig (pictured above) of Carroll county, Iowa. And research backs him up.

For example: A recent study in western Iowa showed that planting on the contour reduced water run-off by almost 40 percent over a seven year period.

Reduction of run-off, of course, will vary according to length and steepness of slope. The above test was made on a 14 percent slope, 72 feet long.

Other practices that help conserve moisture includes use of terraces, minimum tillage and good weed control. All deserve consideration.

Soil moisture is precious this year. It could easily be the limiting factor in crop production across the western Corn Belt.

- Won't lose hog business . . . 13
- New Master Farmers . . . 60, 64
- Need good breakfasts 76
- How to get more eggs 85
- Dairy trouble ahead 96

NOW... A NEW FRONT TRACTOR TIRE THAT OUTWEARS TWO ORDINARY FRONTS

the great new

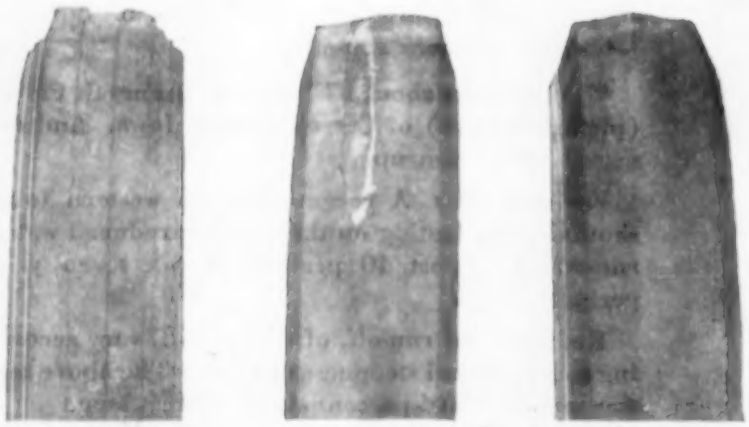
Firestone GUIDE GRIP

Run the new Firestone Guide Grip on tricycle or wide front axle type tractors . . . run it in the toughest farm service and you will find it gives twice the service of ordinary front tractor tires. You get double the tire life and yet you pay no more than you would for a regular front tractor tire.

The new Firestone Guide Grip is years ahead in design and construction and it will help you cut your farm tire costs.

Ask your Firestone Dealer or Store to show you all the money-saving advantages of this amazing new tire.

HERE IS THE PROOF...



New Guide Grip — Two Regular Front Tires

On the left is an actual photograph showing a new Firestone Guide Grip that was run in actual farm service opposite each of the two tires on the right. You can see the remaining rib height of the new Firestone Guide Grip. The other two regular front tires are worn out, one of which has even worn into the cord body. This clearly shows the remarkable wear advantage of the new Firestone Guide Grip.

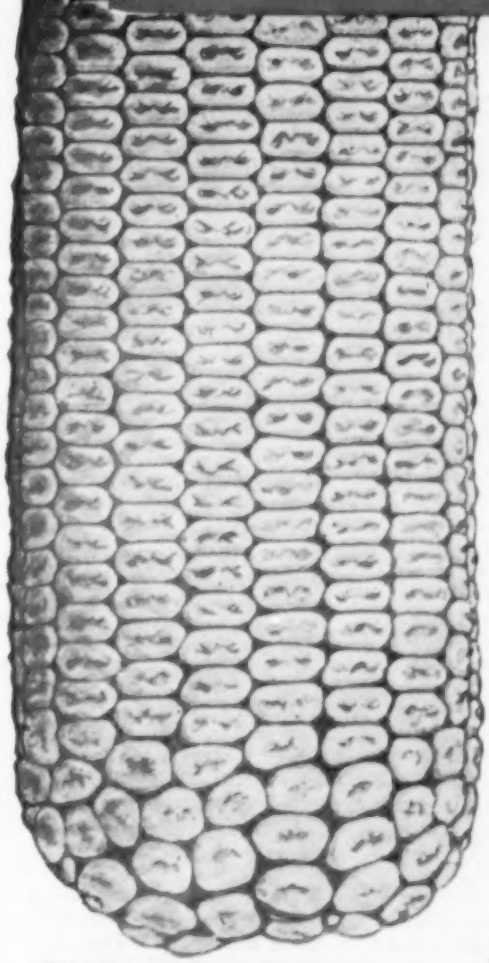
Always Buy Tires Built By Firestone, Originator Of The First Practical Pneumatic Tractor Tire

Enjoy the Voice of Firestone on radio or television every Monday evening over ABC.

Copyright 1956, The Firestone Tire & Rubber Company

WALLACES' FARMER AND IOWA HOMESTEAD, April 7, 1956 (Vol. 81, No. 7). Published first and third Saturdays of each month by the James M. Pierce Corporation, Des Moines, Iowa. Subscription price, one year for one dollar. Entered as second-class matter October 19, 1929, at the post office in Des Moines, Iowa, under the act of March 3, 1879. Copyright, 1956, by the James M. Pierce Corporation.

PIONEER Sure Yields!



Yes, Pioneer sure yields. Good years or tough, Pioneer corn produces the biggest yields your soil and weather permit. Bred for high yields and rugged performance at seven Pioneer corn breeding stations in the U. S. . . . two here in Iowa. Tested and proved every year under Iowa soil and growing conditions.

Yes, Pioneer sure yields. That's why Iowa farmers last spring planted 180,000 more bushels of Pioneer than only 3 years before. Look below. See the great records of Pioneer corn in the official Iowa Corn Yield Test.

First in 15 of 31 Top Places in 1955 Official Iowa Corn Yield Test. 45 Seed Corn Producers Entered Hybrids.

Iowa State College conducts and reports results of this annual test in Bulletin P-120 . . . now available. Bulletin ranks 1,000 entries tested in 12 districts in 1955; 410 entries tested for 2 years in 10 districts; 230 entries tested for 3 years in 9 districts. Pioneer stands first in 15 of 31 top places reported. No other seed producer stands first more than 3 times. See map below for location of Districts.

1955 RESULTS

FIRST IN 5 of 12 Districts

1st in Dist. 3	Pioneer 371
1st in Dist. 5	Pioneer 345
1st in Dist. 7	Pioneer 301
1st in Dist. 9	Pioneer 345
1st in Dist. 11	Pioneer 329

3 YEAR AVERAGE

FIRST in 5 of 9 Districts

1st in Dist. 1	Pioneer 352
1st in Dist. 3	Pioneer 371
1st in Dist. 6	Pioneer 354
1st in Dist. 7	Pioneer 301
1st in Dist. 11	Pioneer 301

2 YEAR AVERAGE

FIRST in 5 of 10 Districts

1st in Dist. 1	Pioneer 371
1st in Dist. 3	Pioneer 371
1st in Dist. 7	Pioneer 301
1st in Dist. 10	Pioneer 301-B
1st in Dist. 11	Pioneer 301-B

Write for Complete Results to
IOWA STATE COLLEGE, AMES, IOWA
Ask for Bulletin P-120

Locations of Districts and Fields

3 HIGHEST CONTOUR YIELDS in 1955 IOWA MASTER CORN GROWERS CONTEST

For second straight year, farmers who planted Pioneer made *3 highest contour yields* in contest. In 1955, Pioneer growers produced *over half* of all yields of 100 bushels per acre or more. Pioneer hybrids these winners planted are: Pioneer 377-A, 371, 349, 352, 354, 325, 345 and 329. Conducted by Iowa Crop Improvement Association, Ames, Iowa.

Your Pioneer Salesman Has Corn On Hand. See Him Now

PIONEER HI-BRED CORN CO., DES MOINES, IOWA
GARST & THOMAS HYBRID CORN CO., COON RAPIDS, IOWA

PIONEER HYBRIDS

Hogs and Cattle

BY WALTER J. LEEDS

I saw the Weight-Cycle Plan in action

HOG RAISERS are quick to catch on to new ideas that save them time, feed money or baby pigs—*providing the ideas are practical and workable.*

Take the Weight-Cycle Hog Raising Plan, for example. This is the new hog program that gears everything — feeding, housing and management — to the growing pig's changing needs.

Some folks might have thought only the big hog raisers would follow the Weight-Cycle plan this year. But the Weight-Cycle program is such a practical way to get the new advances in hog raising that Corn Belt hog farms of nearly every size have already switched to the plan.

Let me tell you about one hog farm I visited the other day. I was impressed by the way this hog raiser had fitted the Weight-Cycle ideas right into his present operation. And without any expensive new equipment, either.

He had 130 spring pigs housed in an old barn. You see, almost any old building is okay for the Weight-Cycle plan, providing it is reasonably dry and free of drafts.

The inside of the barn was divided into pens — farrowing pens, starting pens for newly-weaned pigs, and growing pens for older baby pigs. They were real simple, inexpensive pens; made with old lumber from around the farm, with good clean straw for bedding.

The little pigs were really going for their feed when we were there. My friend had weaned 14 or 15 pigs just the day before our visit, and put them into the starting pen. They were only 3 weeks old—and they averaged 12.5 pounds apiece! They were on Nutrena's new pre-starter, Creep-24. That's the Weight-Cycle pre-starter that is loaded with tasty milk products and sugar.

I sure wish you could have seen those little pigs. As fine a bunch as you'll ever see — bright-eyed and full of seat and scamper. And plump — their little sides just stood out! The skin on their bellies was tight, firm and had good flesh coloring. These were real good doers — the kind everybody wants.

And get this . . . not one single case of scours in the entire herd. That's due in no small part to the extra-high, 100-gram level of antibiotics in Creep-24.

My friend is weaning more pigs every day now — as soon as they reach 10 to 12 pounds. After weaning, he'll keep them on Creep-24 until they weigh 15 pounds. Then they'll be moved into grower pens and switched to Creep-20. Creep-20 is Nutrena's now-famous high-antibiotic creep feed with the rolled-oats taste that little pigs love.

As each pig reaches about 35 pounds, it will be moved over into another pen and put on Nutrena's new, economy grower ration. This ration is Pre-Shoat-16 — just the thing to bridge the nutritional gap between a concentrated creep feed and a supplement with corn.

I'm going to watch these pigs real close to see how they progress on the Weight-Cycle plan. Expect I'll have another report in a month or so. Watch for it.

Meantime, I'd suggest you find out more about this Weight-Cycle Hog Raising Plan from your Nutrena dealer. It's a mighty practical and inexpensive way to get the latest advances in hog raising right out on your own farm. (Advertisement)

How long has your family read Wallaces' Farmer or The Iowa Homestead? Richard Fullerton of Cerro Gordo county, Iowa, says that the paper has been read in his family for 70 years. Mr. Fullerton lives on the farm where he was born 80 years ago. He's pointing to an early family photograph.

INSIDE STUFF

NOT MANY folks have read Wallaces' Farmer and Iowa Homestead as long as Richard Fullerton (picture above). But 46 percent of our subcribers say the paper has been in the family for 40 years or more.

HALF of our subscribers say they've read the paper themselves for 20 years or more. That includes some 30-year-olds who started reading when they were 10.

AT CHICAGO the other day, I asked Dr. John D. Black of Harvard about his study of farm prospects in 1965. You'll be interested in his comment on corn:

"THE AVERAGE farm price of corn should not drop below $1.30 per bushel as long as the support system and its controls are maintained and surplus wheat is not allowed to spill over into the feed grain market."

THE BIG CATCH, in Black's opinion, is whether wheat is kept out of the feed grain market. He adds: "If wheat did enter the feed grain market in large quantities, the price of corn would fall drastically."

RUTH SAYRE of Warren county, Iowa, was telling me about her visit to the middle east. The country now known as Iraq used to maintain a population 10 times as large as now. That was back in Bible times. Then the Tigris and Euphrates rivers were used more skilfully for irrigation.

"CAN'T THOSE displaced Arabs from Palestine be moved to Iraq and get a better living in new irrigation districts than they did in their old homes?" I asked.

MRS. SAYRE said that most of the displaced Arabs didn't want to move. The government of Iraq is hardly strong enough to push thru the kind of irrigation projects that would take care of these folks.

ONE JOB of the employment service, according to Dr. T. W. Schultz of the University of Chicago, should be to find city jobs for farmers who want such jobs. He says that this isn't being done or even attempted.

AT OUR PLACE, we just spent $220 (groans) to have the house re-wired. But I think it was money well spent. The place was wired originally about 30 years ago, and we've loaded a lot of gadgets onto the system since.

WHEN DID you have a check-up on the wiring in your house? Worn-out wiring can start fires.

—DONALD R. MURPHY.

WALLACES' FARMER AND IOWA HOMESTEAD

"GOOD FARMING, CLEAR THINKING, RIGHT LIVING"

(Volume 81—Number 7)

RICHARD S. PIERCE, Publisher

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Entered as second-class matter, October 19, 1929, at the post office at Des Moines, Iowa, under the act of March 3, 1879.

Weaning at 3 weeks or 8?...

Whichever way you go, your choice of pig starter is mighty important. If you wean *early*, the starter must completely replace the sow's milk and pre-starter. If you wean at the *usual* time, the starter becomes more and more important as the sow's milk supply starts tapering off.

Step No. 2

Whether you wean early or late, get your pigs on this powerful, tasty "Weight-Cycle" starter

Pigs thrive on it!

Regardless of when you wean . . . regardless of whether you feed a pre-starter or not, your first goal with spring pigs is to go after big, husky pigs early. And it takes a powerful pig-starter to get those big, early, low-cost gains.

A favorite starter on thousands of Corn Belt farms is Creep-20, a product of Nutrena research. Creep-20 is so powerful, many folks on a regular weaning program report getting 40, 50 and even 60-pound pigs in 8 weeks.

Creep-20 packs such a tremendous nutritional kick, it has been included as Step Number Two (right after Creep-24 pre-starter) in Nutrena's Weight-Cycle Hog Raising Plan. This is the new hog program with feeds that are tailored to the changing needs of pigs at each step in the growth cycle.

Where does Creep-20 get its tremendous pig-building power? . . . From a combination of high-level nutrition, antibiotics, and taste appeal.

High-level nutrition

Creep-20 contains a full 20% level of baby-pig type proteins. And Creep-20 contains high levels of important quick energy ingredients.

To balance these high levels of protein and energy, Creep-20 also contains a safety margin of vitamins and minerals—including vitamin B-12.

High-level antibiotics

Little pigs just can't take advantage of all this nutrition if they're "half-sick" from disease. So Creep-20 contains high levels of antibiotics (50 grams) to help fight off baby-pig diarrhea, infectious scours and necro. In addition, Creep-20 now contains arsanilic acid, an extra growth stimulant.

High-level taste appeal

To make your little pigs really hungry for all this nutrition . . . Creep-20 contains a full 50% rolled oats. Creep-20 tastes so good, many baby pigs start eating it only 5 to 7 days after birth! This is most noticeable when sows are not heavy milkers.

High-level nutrition! High-level antibiotics! High-level taste appeal! No wonder baby pigs thrive on Creep-20!

And now, thanks to the new Weight-Cycle Hog Raising Plan, you don't need to feed as much Creep-20 as before. Now you can switch from Creep-20 to a new economy growing feed when your pigs weigh just 35 pounds . . .

Step No. 3

New economy grower ration from 35 lbs. to 60 lbs. . . .

You economize here with Pre-Shoat-16—Nutrena's new, complete grower ration. Although Pre-Shoat-16 contains the same high levels of minerals, vitamins and antibiotics as Creep-20, *it saves you money!*

Pre-Shoat-16 contains 16% protein—less than a creep feed, but just right for pigs at this age. And Pre-Shoat-16 gets its energy from more economical sources which older pigs, from 35 lbs. to 60 lbs. can handle.

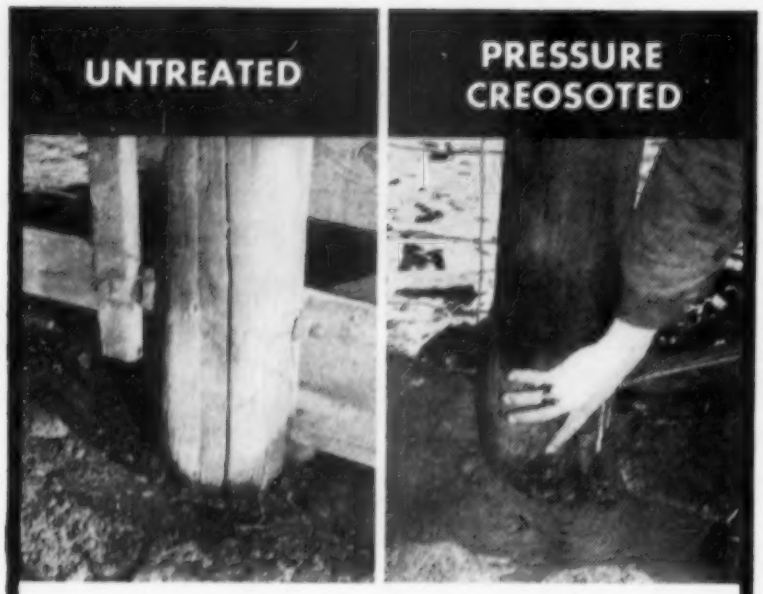
So whether you wean early or late . . . whether or not you feed a pre-starter, make Creep-20 *your* starter this year. Baby pigs thrive on it! Then switch to safe economy with Nutrena's new Pre-Shoat-16.

See your Nutrena dealer this week. Get the facts on this new, modern way to get big early gains—and economy, too!

Pre-Starter **Creep-24**	**Starter** **Creep-20**
Grower **Pre-Shoat-16**	**Finisher** **Shoat-40**

Go after big, early gains—on Nutrena's new Weight-Cycle Hog Raising Plan. Get the facts on Creep-20 and Pre-Shoat-16 from your Nutrena dealer this week. Or write to—

NUTRENA MILLS, INC., Minneapolis 15, Minn.



These two pictures show very clearly and simply the effect of water, adverse soil and weather conditions on untreated and pressure-treated wood. The untreated post on the left has been in use on Mr. Templeton's farm for eight years. Notice how the sapwood has decayed leaving the heartwood exposed. The pressure-creosoted post on the right has been in the ground for twenty years and shows no sign of decay.

ARCHIE TEMPLETON,
Evansville, Wisconsin
SAYS

"Pressure-creosoted fence posts outlast any post I've tried"

"I have some pressure-creosoted posts on my farm that have been there for twenty years," continues Mr. Templeton, "and they look as good as the day they were installed. Some of these posts I set in the cement floor of a pig pen and they are still solid. If I used the posts I had originally planned for this job, the hogs would be pushing them over by now. And when posts are mounted in a cement floor, you don't replace them."

To find out more about pressure-treatment with USS CREOSOTE, the quality preservative, and to learn more about good fencing with less replacements and a low annual cost, just mail the convenient coupon below. We will be happy to send you the three free U. S. Steel folders, "Fence Planning Saves," "Fences That Pay," and "A Boring Tale." They prove helpful when you plan and build your farm fence.

UNITED STATES STEEL
USS TRADE MARK CREOSOTE

Agricultural Extension, United States Steel Corporation
Room 5282, 525 William Penn Place, Pittsburgh 30, Pa.

☐ *Please send me a free copy of your farm fence folder "FENCE PLANNING SAVES."*
☐ *Please send me a free copy of your farm fence folder "FENCES THAT PAY."*
☐ *Please send me a free copy of your farm fence folder "A BORING TALE."*
☐ *I would like a supplier of pressure-creosoted fence posts to contact me.*

Name .....
Address .....
County .....
City ..... State .....

UNITED STATES STEEL

Keep your tractor in peak condition for lowest operating costs. Louis Vifian of Delaware county, Iowa, is shown cleaning the sediment bulb in tractor fuel line.

Tune up your "iron horse"

To get the most work at the lowest cost, try a thoro tractor tune up

TRACTOR tune-up is like a spring housecleaning. It gets things squared away for the busy season ahead.

Of course your engine is the most critical point. When it is in top condition, you get the most work for each fuel dollar.

Good engine performance requires proper balance of three factors; (1) engine compression, (2) proper ignition, and (3) fuel-air mixture.

Most basic is compression. A badly worn engine has low compression, and you can't help it much by tuning. If your tractor lacks power, have your service man check the compression. If it's low, he can advise you what to do.

If your tractor has good compression, move to ignition. A sound battery and generator are the starting point. Then check the spark plugs. Install new ones if there is any doubt about the condition of the plugs.

The same is true with points in the distributor.

If you have a magneto, it probably should be checked by a service man who has the proper tools and know-how.

Accurate timing requires some technical know-how and a special light. If in doubt, have a service man check it. He may be able to tell you how to make a reasonably good adjustment on your tractor without a light.

With good compression and ignition, consider the fuel-air mixture. Start with the air cleaner. See that it is clean and in good condition.

A service man—or perhaps instruction manual—can tell you how to adjust the carburetor. If there are worn shafts and bushings, you can't adjust it properly. Worn parts defeat the purpose of the air cleaner, too. Unfiltered air can leak in, and the dirt can cause excess wear.

Proper use of your load adjustment on the carburetor will save fuel. You can adjust for less fuel on light loads. And for more, as needed, on heavy loads.

Work linkages for carburetor and governor can affect operating speed. This can have a big effect on fuel economy. The governor should be in good condition, too. Governor repairs are a job for a service man.

Valve tappet clearance should be checked. With too much clearance, the valves can't open far enough. Then they tend to interfere with proper air flow.

With too little clearance, the valves may burn. That soon calls for expensive repairs. Set the tappet clearance to the manufacturer's specification.

With new oil and new filter element (if any), the oil pressure gauge should register in the normal range after the engine is warmed-up. If it doesn't, consult your service man promptly.

Oil leaks, any place, usually mean faulty gaskets or seals. It may only mean a little lost oil. Or it can mean expensive repair if neglected. Either repair, or check with your service man to see how critical the leak might be.

The cooling system should be drained, flushed and re-filled. Rust inhibitor should be added and thermostat installed, if one is required.

Then move to the rest of the tractor.

Brakes should be set properly. Side-by-side pedals should be even, so you may use both at once for road work.

Engine clutch pedal should be adjusted to the proper "free-travel."

Tires should be inflated to the proper pressures. Test the hydraulic system. And check the level of its fluid.

A thoro spring check-up will help your tractor to do its best. That means getting the most work for the least cost.

Spring VALUE DAYS SALE

Buy at low, low prices made possible by the tremendous buying power of hundreds of stores in 21 states!

save save save

These special values are available only by visiting stores listed. (No mail orders, please)

Go to your

S&Q SERVICE QUALITY HARDWARE STORES

for "Bell Ringer" Values

ALBERT CITY
Johnson Hardware
ALGONA
Hall-Strahorn Hdwe., 105 E. State St.
ALLISON
Allison Hardware
ALTA
Rystad Bros. Hardware
ANTHON
Thayer Hardware
CARLISLE
Laverty Hardware
CEDAR FALLS
Cedar Falls Hardware, 306 Main St.
CEDAR RAPIDS
Hatch & Brookman Co., 101 8th Ave. S.E.
Severns Vernon 30 Hdwe., 30th & Mt. Vernon Road
CHARLES CITY
Meusel Hardware
CHEROKEE
Klatt's Hdwe.
CLEAR LAKE
Miller Hardware
CLERMONT
Clermont Brick & Sand
DAVENPORT
Northwest Davenport Hdwe., 1615 Washington St.
Witt Hdwe., 610 West 3rd
DES MOINES
B & G Hdwe., 2543 E. Walnut
Farm & Home Hdwe., 2403 Hubbell
Figg Hardware, 3215 S.W. 9th
Handee Hardware, 5804 Franklin Ave.
O'Donnell Hdwe., 1201 Army Post Road
DUBUQUE
Klein's Hardware, 1290 Central Ave.
FONTANELLE
Van Vleet Hardware
FOREST CITY
Perry & Totten Hdwe.
FREDERICKSBURG
Fredericksburg Hdwe.
GEORGE
Grotewold Hdwe.
GLIDDEN
The New Graves Hdwe.
GOWRIE
Tedford Hdwe.
GUTTENBERG
Kuempel & Lake
HAMPTON
Chaffin Hardware
HAWKEYE
Aspinwall Hardware
HIAWATHA
Hiawatha Hdwe.
IDA GROVE
Wilkins Hdwe.
INDEPENDENCE
Farmers Supply Inc.
JEFFERSON
The New Joen's Hdwe., 102 N. Chestnut
JOICE
Arneson Hdwe.
KANAWHA
Gorton & Gabel
LAKE CITY
Watters Hdwe. & Elec.
LANCASTER
Schwartz-Philipps Hardware
LAURENS
Ekstam Hardware
MOVILLE
Oliver Hdwe.
NASHUA
Meusel Hardware
NEW ALBIN
Dresselhous Hardware
OGDEN
Cornwall Hardware
OSAGE
Osage Hardware
OSSIAN
Becker Hardware
PARKERSBURG
Anderson Hardware
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SAC CITY
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Blackstone's Morningside Hdwe., 1421 Morningside Ave.
Blackstone's Pierce St. Hdwe., 1516 Pierce St.
Blackstone's West Side Hdwe., 603 W. 7th St.
Crescent Park Hdwe., 2601-03 Myrtle St.
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SPENCER
Hughes Hardware
SPIRIT LAKE
Avery & Bomer
SWEA CITY
A. B. Tweeten Hardware
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WEST DES MOINES
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Step Ladders

4 ft. size

Reg. $4.40

ONLY $2.79

Each step reinforced with ¼-inch steel rod! Climb safely! High-quality. wide steps.

Reg. $5.50—5 ft. size
Save $1.52 ..... **$3.98**
Reg. $6.60—6 ft. size
Save $1.91 ..... **$4.69**

Mixing Bowl Set

Heat Proof

Reg. $1.49

NOW 98c

Save over ½! Nest of 4 ivory glass bowls, 6-7-8 and 9" sizes. A top-quality set for less than one dollar! Gift packaged.

$11.95 Rubber Tired Wheelbarrow

SAVE $4.46

ONLY $7.49

Balanced for easier load lifting; stand-on end storage. Strong 3 cu. ft.

Sponge Mop

Terrific Value at

$1.59

Exclusive squeeze plate protects hands. Just flip pressure plate and squeeze out water without getting wet.

Heavily chrome plated. Replaceable sponge. 48" handle.
Cellulose Sponge Refill ..... 98¢

$2.69 Porta File

Keeps bills, receipts, important papers safe and handy, each item in its own envelope. Complete A-Z index. Green hammertone finish. 12½ x 5½ x 10".

Adjust-to-Hite Ironing Board

Reg. $9.95

NOW $6.39

Adjusts to suit you! 13 finger-tip adjustments from 23" low to 36" high. Ample leg room when sitting. Self-leveling; fully ventilated.

Electric Water Heater

$1.95

Heats water fast wherever you want hot water — home, farm, camp! 1,320 watts heats gallon of water 6 to 12 minutes.

Porcelain Receptacle

Reg. 50c

SPECIAL 39c

3-piece with groove to hold shade. Fits 3¼ or 4" box. Strong chain and cord.

Trouble Light

Reg. $2.19 w/25 ft. Cord

SALE PRICE $1.19

Gives bright light where you want it. Complete with heavy 25 ft. cord. Rugged steel cadmium plated guard holds 100 watt bulb. Heavy rubber socket with 2 outlets—switches.

Power Mower

Completely Guaranteed **$48.95**

USE OUR LAY-BY PLAN

Adjusts to cut grass of any height. Reliable 2-cycle 1.6 h.p. engine. 18" cut.

Long Handle Shovel

REGULAR $3.35
ONLY **$2.69**

Round point for easy digging; forged high carbon steel blade; replaceable handle. Perfectly balanced!

Grease Gun

Reg. $3.00 ONLY **$2.19**

Can be loaded at bottom or with dispenser. Complete with coupler pipe and attachment head.

Rubber Tired Wheelbarrow

Rounded front for handling wet materials. Heavy steel body; steel rod reinforced edges. 2-ply pneumatic tire. 4 cu. ft. capacity.

Special *Reg. $34.95*

$25.59

Paint Roller & Tray

SPECIAL **79c**

SALE PRICE

SAVE 90c!

Reg. $1.69

7-in. quality wool type roller spreads paint evenly. Extra large tray with ladder-lock and reservoir. Corrugation rolls off extra paint.

Great Neck 1-Piece Hammer

Reg. $3.95 SPECIAL **$2.98**

Tough alloy steel, 16-oz. head can never come off. Non-slip rubber cushion permanently attached to shaft—absorbs shock! Perfect balance.

CLIP THIS VALUABLE COUPON

HOUSEHOLD BROOM

LIMITED SUPPLY

REGULARLY $1.59
WITH COUPON
Get Yours Today **88c**

Take advantage of this sweeping offer and get your broom at a big saving! 5-sewn construction; quality broom straw; lacquered handle. Full size and weight.

NAME .....

ADDRESS .....

CITY ..... STATE .....

Washington Letter

Farmers wait in vain

Time to sow oats and farm bill isn't ready

DURING the closing days of March, probably the biggest lineup of "depositors" in U. S. history were waiting for their "bank"—the soil bank—to open. But they waited in vain, and what the end result now will be, nobody knows.

After days and days of debate, sometimes bitter debate, the Senate late in the evening of March 19 finally voted out a much-amended farm bill, by a majority of 93 to 2.

But because it really was an amendment to the 90 percent-of-parity measure passed by the House last spring, the whole new package had to be referred immediately to a 10-man joint Senate-House conference committee.

For a time, it was hoped that the committee revision could be completed and referred to both houses for concurrence before the Easter recess. But on March 27, congressional leaders decided to postpone final action until the two chambers should reconvene April 9.

As expected, the Senate version provided for payments for underplanting any crop under allotment and also for shifting land to the "soil bank" from other crops. The corn acreage limit was raised so that individual farmers would have allotments in 1956 at about their 1955 level.

The surprising feature of the Senate bill was a last-minute amendment offered by Senator Humphrey of Minnesota which had the effect of restoring price supports almost all the way to 90 percent of parity on basic crops.

This was accomplished partly by agreeing on higher set-asides for wheat and cotton in government hands and on the creation for the first time of a set-aside of 250 million bushels of corn.

Grain put in set-aside position, of course, cannot be released into commercial channels, hence is not counted as carry-over when the Secretary of Agriculture determines how high the loan level can be.

The Senate bill also raised the support level for dairy products from 75 percent up to 80 percent.

To help remove surpluses of cattle, hogs and dairy products, a sum of $500 million was authorized.

The wheat interests were successful in getting favorable action on a domestic parity plan, to be offered for grower approval in 1957. Under this plan, all wheat would be sold at the open market price. But on that percentage of their crop required for domestic consumption, producers would be paid an amount sufficient to raise their return to 100 percent of parity.

In the initial Senate debate,

(Continued on next page)

IH BALER

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GET READY FOR *NON-STOP* BALING AT OUR SPECIAL LOW PRICE!

Don't miss this cash-saving opportunity! Get a *complete* baler check-up—plus knotter, plunger, and bale chamber adjustment—at our special low pre-season price of only $9.95*!

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You Get All This!

1 COMPLETE 13-POINT INSPECTION from drawbar to bale chute. We use special tools and gauges . . . *double-check* vital parts!

2 ADJUSTMENT OF TYING MECHANISM. We give knotters and needles the 3rd degree . . . time and regulate them for no-miss ties!

3 SQUARING OF BALE CHAMBER eliminates sidewise sag between shear blade and plunger knife. This saves power . . . improves bales.

4 ADJUSTMENT OF PLUNGER BLOCKS to within 1/16-inch of bale chamber. This painstaking job ends tying failure due to hay carry-back.

GET YOUR BALER SERVICE SPECIAL AT THESE IH DEALERS!

IOWA

ACKLEY, Schoeneman Implement Company
AKRON, Adams Implements
ALBERT CITY, Johnson Implement Company
ALGONA, Algona Implement Company
ALTA VISTA, G. F. Crooks
ALVORD, Shubert Implement Co.
ANAMOSA, Gordon Implement Store
ANITA, Dement Implement Company
ANTHON, Sokolowski's
ARCADIA, Schinitz Hardware & Implement
ATLANTIC, Larsen Implement & Truck Co.
AUDUBON, Audubon Implement Company
AURELIA, Kroll and Patterson
AUSTINVILLE, Bode, Limburg & Voss
AVOCA, Avoca Implement Company
BAGLEY, Gilliland Implements
BALDWIN, Andresen Implement Store
BANCROFT, Bancroft Implement Co.
BELLE PLAINE, Leo Kelly Co.
BELLEVUE, Roeder Bros.
BELMOND, Helland & Long
BLAIRSTOWN, Leo Kelly Co.
BLAKESBURG, Roemerman Feed & Impl. Co.
BLOOMFIELD, S. E. Reno & Son Implement Co.
BOONE, Paulson Implement Company
BRITT, Tande & Son
BROOKLYN, Richeson Implement Co.
BUCKEYE, Buckeye Cooperative Elevator Co.
BUFFALO CENTER, Jensvold, Inc.
BURLINGTON, Burlington Farm Mach. Corp.
CARROLL, Neary Implement Company
CASCADE, J. J. Kane Implement Store
CEDAR FALLS, Cedar Falls Implement Co.
CHARLES CITY, Adrian Implement Co.
CHEROKEE, Bushlow Implement Company
CLARENCE, H. D. Kemmann Sons
CLARINDA, Miller, Tomlinson Implement Co.
CLARION, Adams Farm Equipment Company
CLARKSVILLE, Clarksville Implement Company
CLINTON, Ralph Harney
COGGON, Penningroth Implement Company
COLLINS, Jack Mabee
CONRAD, Heine Implement Company
COON RAPIDS, Grettenberg Implement Co.
CORNING, Morgan Implement Company
CORWITH, Corwith Implement Company
CORYDON, Klein Implement Company
COUNCIL BLUFFS, Weldon's
CRESO, Ingersoll Farm Equipment
CRESTON, Metz Implement Company
DALLAS CENTER, Rhinehart Implement Co.
DAVENPORT, Les Jones Implement Company
DAYTON, Reuben Lundberg
DECORAH, Decorah Implement Company
DELHI, C. F. Roth
DENISON, Johnke Implement Company
DES MOINES, Moffitt Farm Equipment Co.
DEWITT, Reimers Implement Company
DIXON, Dixon Co-op. Elevator Company
DONNELLSON, Murphy & Floyd
DOW CITY, Dow City Implement Co.
DOWS, George W. Bundren
DUBUQUE, J. J. Behr Implement Company
DUMONT, Carl Boeckemeier
DUNCOMBE, Moore & Mickelson
DUNLAP, Heistand Brothers Implement
DYERSVILLE, Scherrman's Impl. & Appliance
EAGLE GROVE, MacDowells'
EARLING, J. S. Hermrick
EARLY, Wadsley Chevrolet & Implement Co.
EDGEWOOD, Edgewood Implement Store
ELGIN, Falb & Light
ELKADER, Joe A. Rhomberg
ELK HORN, Elk Horn Farm Equipment Co.
EMERSON, Lakin Implement Company
EMMETSBURG, McCormick Farm Equip. Store
ESTHERVILLE, Estherville Implement Co., Inc.
EVERLY, Harms Implement Company
EXIRA, J and M Implement Company
FAIRBANK, L. J. Miller Implement Company
FAIRFIELD, Parsons' Equipment
FARLEY, J. P. Scherrman, Inc.
FARMERSBURG, Harley J. Palas
FONDA, Rath Implement Company
FOREST CITY, Abbas Equipment Company
FORT DODGE, Rossow Implement Company
FREDERICKSBURG, Kerssen, Wesp & Murphy
GARNER, Urich Implement Company
GEORGE, Arnold Welzenbach
GILMORE CITY, W. H. Goodrich
GLADBROOK, Bates Equipment Company
GLENWOOD, Boyle Farm Implement Company
GLIDDEN, Bundt & Storesund
GOLDFIELD, Whyte & Son
GOWRIE, Gowrie Implement Company
GRAETTINGER, Graettinger Implement Co.
GRAFTON, Grafton Implement Company
GRAND JUNCTION, Wiltse & Mears, Inc.
GREENE, McRoberts Implement Company
GREENFIELD, Fontanelle Implement Company
GRINNELL, Grinnell Implement Store
GRISWOLD, Hakenstad & Wilson
GRUNDY CENTER, Heine Implement Company
GUTTENBERG, Seeman Implement
HAMBURG, Glenn Implement Company
HAMPTON, Kriener Brothers Motor & Impl. Co.
HANLONTOWN, Hanlontown Implement Co.
HARLAN, W. T. Scroggin
HARTLEY, The Goetsch Company
HAWARDEN, Nebben Implement
HAWKEYE, Lauer Implement Company
HOLSTEIN, Down and Diersen
HOLY CROSS, Heiring Implement Store
HUBBARD, Hubbard Implement Co.
HULL, Hull Implement Shop
HUMBOLDT, Humboldt Implement Company
IDA GROVE, Hartley-Bickley
INDEPENDENCE, Miller Implement Company
INWOOD, Lunder Implement Co.
IONIA, W. F. Hoffman
IOWA CITY, Cline Farm Equipment Company
IOWA FALLS, McCormick Farm Equip. Store
IRETON, Schmitz Implement Company
JEFFERSON, Mallorys'
KANAWHA, E. H. Nelson Implements
KEOSAUQUA, Hohl & Hohl
KEOTA, Mess & Osweiler
KESWICK, C. L. Wilhite
KINGSLEY, Anderson Implements
KNOXVILLE, Hines-Westberg Implement Co.
LAKE CITY, L. D. Brown
LAKE MILLS, Helgeson Motor Company
LAKE PARK, Jaycox Implement Co.
LAKOTA, J. E. Ukena & Company
LAMONI, Smith Implement Company
LANSING, Lenz & Underwood
LANYON, Lanyon Hardware Company
LAPORTE CITY, Kimble & Bruner Impl. Co.
LARCHWOOD, Sebesta Implement Co.
LAURENS, Laurens Implement Company
LEDYARD, Carpenter & Son
LEMARS, Pew's
LEON, Hime Implement Company
LENOX, Blair Implement Company
LIME SPRINGS, Fries Implement Company
LITTLEPORT, E. C. Puts
LIVERMORE, Foreman Implement Company
LOGAN, Fred Evans
LOHRVILLE, Lohrville Implement Company
LONE ROCK, Kossuth County Implement Co.
LONE TREE, Carny Implement Company
LOST NATION, Dubois Implement Company
LOWDEN, H. D. Kemmann Sons
LUVERNE, LuVerne Implement Company
MADRID, Leonard Implement Co.
MALLARD, Mallard Implement Company
MALVERN, Schultz Bros. Implement Co.
MANCHESTER, Wendt & Lillibridge
MANILLA, Benton Implement Co.
MANNING, Bunz Implement & Service
MANSON, Birkey Farm Equipment Company
MAPLETON, Ortner Implement
MAQUOKETA, Millwright Implement Store
MARATHON, O. F. Smith Implement Co.
MARCUS, Wilkens Implement
MARENGO, Leo Kelly Co.
MARSHALLTOWN, Truck & Farm Equip. Co.
MARTENSDALE, C. F. Martens & Sons
MASON CITY, Mason City Implement Co.
MASSENA, Massena Implement Company
MAYNARD, Earl Foss
MECHANICSVILLE, Montz Implement Co.
MEDIAPOLIS, Burlington Farm Mach. Corp.
MELBOURNE, Wiemers Implement Co.
MELVIN, Dvorak Implement Co.
MISSOURI VALLEY, Gibbs and Watson
MONDAMIN, Mondamin Implement Company
MONTEZUMA, McCormick Farm Equip. Store
MONTICELLO, Miller's
MOORHEAD, Griffith's
MT. AYR, Roe Implement Company
MT. PLEASANT, T. H. Harney
MT. VERNON, Buresh Implement Co.
MOVILLE, W. L. Sanborn Co.
MURRAY, Kimball Implement Co.
MUSCATINE, Lamp-Rehwaldt
NASHUA, Schima Implement Company
NEOLA, Neola Farm Equipment Co.
NEVADA, Stemmons Brothers
NEW ALBIN, Clinton Dee
NEW HAMPTON, A. R. Morse
NEW HARTFORD, Dix & Rawdon
NEWELL, Wassom Implement Company
NEWTON, Newton Implement Co.
NORTHWOOD, Worth County Implement Co.
OAKLAND, P. M. Heft & Sons
OCHEYEDAN, Wackerbarth Bros.
ODEBOLT, Boerner & Roth
OELWEIN, Oelwein Implement Company
OGDEN, R. G. DeWitt
OLIN, Lehrman Equipment Company
ONAWA, McCormick Farm Equipment Store
ORANGE CITY, Cordt Implement Store
OSAGE, Tyrholm Equipment Company
OSCEOLA, McPherson, Inc.
OTTUMWA, McCormick Farm Equiument Store
OXFORD, Zimmerman Implement Co.
OXFORD JUNCTION, Soppe Implement Co.
PANORA, Baldwin Implement Co.
PARKERSBURG, Heine Implement Company
PAULLINA, Johnson Farm Equipment
PERRY, Raccoon Implement Co.
PIERSON, Leo Farber
PILOT GROVE, J. J. Nichting
PLEASANTVILLE, Pleasantville Implement Co.
POCAHONTAS, Implement & Truck
POMEROY, Lenz & Omann Implement Co.
POSTVILLE, Postville Implement
PROTIVIN, Protivin Implement Co.
READLYN, Matthias Implement Company
RED OAK, Home Implement Company
REINBECK, Cecil K. Robinson & Son
REMSEN, Peters Implement
RICEVILLE, Lott Implement Company
RICHLAND, Henderickson Implement
RINGSTED, Ringsted Implement Co.
RIVERSIDE, Joe Pailliotet
ROCK VALLEY, Driesen Implement
ROCKFORD, Fischer Chevrolet & Implement
ROCKWELL CITY, Walters Implement Co.
RUDD, Larson & Collet Implement Co.
RUTHVEN, H. J. Rierson
SAC CITY, Liechly & Reckoff
ST. ANSGAR, G & M Implement
ST. OLAF, St. Olaf Cooperative Company
SCHLESWIG, D. H. Dodge Implement Co.
SCRANTON, Juergens Implement Company
SEYMOUR, Seymour Oil & Implement Co.
SHANNON CITY, Ruckman Implement Co.
SHEFFIELD, Cootes Implement Company
SHELBY, Kiesel Implement & Truck Co.
SHELDON, O'Connor Implement
SHENANDOAH, Miller Tractor, Inc.
SIBLEY, Williams Implement
SIDNEY, Sidney Truck & Tractor Co.
SIGOURNEY, Holle Farm Equipment Co.
SIOUX CENTER, S & W Implements
SIOUX CITY, Rocklin Sales Company
SIOUX RAPIDS, Sioux Implement Company
SLOAN, Rex Fountain
SOLDIER, Carlson Hardware
SOLON, Leo Marshek
SPENCER, Clay County Implement Company
SPILLVILLE, Bolik Implement Store
SPIRIT LAKE, Cole-Lanning Farm Equip. Store
SPRINGVILLE, Schmid Implement Co.
STACYVILLE, Carl Theobald
STATE CENTER, Bates Implement Company
STORM LAKE, Bodaken Implement Company
STORY CITY, Armstrong Tractor and Truck
STRATFORD, Stratford Implement Company
STRAWBERRY POINT, James Implement Co.
SUMNER, A. F. Miller Implement Company
SWALEDALE, Jindrick & Sons, Inc.
TABOR, Nelson Brothers
TAMA, Custer Implement & Hdwe.
TERRILL, Moehren & Lickteig
THOMPSON, Clark Mecham Implements
TIPTON, Gaul Motor Co.
TITONKA, Titonka Implement Co., Inc.
TRAER, Cherveny Implement Co.
TRIPOLI, Tripoli Implement Company
TRURO, Truro Farm Equipment Co.
VAN METER, Van Meter Motor Co.
VILLISCA, Lane Implement Company
VINCENT, V. G. Miller
VINTON, Vinton Implement Co.
WALL LAKE, Neil Richardson
WALKER, Morris Implement Co.
WAPELLO, McNeil Brothers
WASHINGTON, Smart Implement Co.
WATERLOO, Earle L. Brown
WAUKON, Burg Implement
WAVERLY, Waverly Implement Company
WEBSTER CITY, Bert Niebuhr
WELLMAN, Wade & Company
WELLSBURG, Okones Implement Company
WESLEY, R. C. Bauer Implement Co.
WEST BEND, West Bend Implement Company
WEST BRANCH, Olsen Implement Co.
WEST LIBERTY, H. D. Cline Co.
WEST SIDE, R. E. Benton
WEST UNION, Doscher Implement Company
WHITTEMORE, Whittemore Implement Co.
WILLIAMS, Williams Implement Company
WILLIAMSBURG, The Burg Implement Co.
WILTON JUNCTION, J. H. Wacker & Co.
WINFIELD, Scott Equipment Co.
WINTERSET, Gray Truck & Implements
WINTHROP, Winthrop Appliance Store
ZEARING, Wickham & Gaunt

Veto threat by Benson

(Continued from last page)

the administration forces won a smashing vote for fully flexible price supports. But some of the Senators had second thoughts later on when distressing reports continued to come from the country. Sharp criticism by Senator Aiken of Vermont late in the debating also appeared to have alienated Senator Anderson of New Mexico who had shared the administration's viewpoint much of the way.

An interesting amendment by Senator Curtis of Nebraska which could lead to an important new attack on the surplus grain problem was the authorization of a Commission on Increased Industrial Use of Agricultural Production. Its job would be to recommend industrial uses of agricultural production not needed for human food or livestock feed. It has been pointed out that grain alcohol in a five percent blend with gasoline could utilize as much as one billion bushels of grain per year.

After the Senate bill was finalized, Secretary Benson immediately branded it as unworkable and declared that unless it was substantially improved in further action, it probably would be vetoed by the President.

However, the Senate-House conferees were not dissuaded by these contentions. Once under way, they voted to eliminate the increased set-asides of government holdings but agreed on a one-year extension of 90 percent of parity price supports.

If finally adopted, this would mean a corn support 24 cents per bushel higher than announced by Benson in February. It would be about the same as in 1954 or about $1.58, basis central Iowa.

As this was written, it still was not known what the conference committee might finally report, but the soil bank features were expected to emerge about as written by the Senate.

The big question was whether President Eisenhower would sign any bill containing 90 percent supports. Bets were about even that if Congress does not itself act until after April 15, the President would kill such a bill. Then he would request the Congress to enact a simple soil bank plan for the 1957 crop year.

Meantime, farmers have had to go ahead with their spring planting. In the Corn Belt, the die is cast now, so far as most grass and legume seedings are concerned. Corn acreage plans can still be revised, but the odds are that any such shift in acres now will mostly result in more soybeans and sorghums.

HOW FAR do tile drain beyond the end of the tile line? Iowa State College engineers figure that drainage extends beyond the tile line for about one-fourth as far as the distance between lines. For example, count on lines 60 feet apart draining about 15 feet beyond the end of the lin

Extra life for tires

1. Prevent breaks with proper inflation

2. Control slippage with extra weight

3. Proper care of minor damage

DO THREE things, and you'll get the longest possible life from your tires.

1. Prevent breaks, mostly by keeping tires inflated to the proper level

Either over or under-inflation can cause tire breaks. Use a low-pressure gauge with one-pound marks for maintaining proper pressure.

Check your tires at least every two weeks. And it will pay to have your gauge checked once in a while. Valve caps can cut down on air loss.

For tires containing air and water, use a special inflation gauge. Always check the liquid-filled tire with the valve at the top of the wheel. And check the tire when it is "cold," not after a period of operation.

Be sure to wash your gauge thoroly if the tire solution contains calcium chloride. Otherwise, the gauge will have a short life.

Check with your tire dealer if you aren't sure about proper inflation pressure. It varies with load, tire size, number of plies and operating conditions.

Striking sharp objects, particularly at high speeds, is another common cause of tire breaks. And the obvious answer is to avoid hitting them.

2. Excess slippage is a real enemy of long tire life. Some slippage is normal, of course.

For field work, 16 percent or less slippage is considered normal. Anything above five percent is excess for road work.

Added weight is the answer to much excess slippage. Consult your implement dealer about the amount of weight needed and the amount which can be added safely.

Part of this depends on the surface you drive on. Adding 100 pounds of weight adds about 66 pounds of drawbar pull on concrete. But only about 36 pounds more pull on green alfalfa.

3. Minor tire damage may shorten tire life, if neglected. Fortunately, most of it can be controlled.

If you have a deep cut in a tread bar, bevel out the loose edges with a sharp knife. This stops the cut from growing larger. And it reduces the chance that a stone will get caught in the cut and work into the fabric.

Sharp objects like pieces of glass, stone, or steel can cause small cuts on the tires. Even if the cut isn't clear into the fabric, it may pay to have it repaired quickly.

If left open, foreign objects may be caught and worked into the fabric. Of course, this greatly weakens that point of the tire casing.

Your tire dealer can repair these cuts rather easily in most cases.

Grease or oil quickly destroy rubber. So make it a point to keep them away from tires as much as possible.

Thoroly wash any tires exposed to chemical sprays. Keeping tires clean adds to their life and some chemicals will harm the rubber.

A common sense application of these factors should add a lot of life to your tires.

...Just ONE Hail Storm Can Wipe Out Your Income!

IN 1948
AGRICULTURAL MUTUAL PAID POLICYHOLDERS
28% DIVIDEND ON LAST HALF OF YEAR
10% DISCOUNT ON FIRST HALF OF YEAR
5% DISCOUNT ON LAST HALF OF YEAR

Crop hail insurance is one of your most important investments . . . just one hail storm can ruin your corn or small grain crop and seriously cripple your farming operation. Nearly every year, hail strikes in over 90 Iowa counties. Yes, one out of every six Iowa farmers suffer crop hail loss every year! Protect your crop . . . insure your crop *and* your income with AGRICULTURAL MUTUAL.

This Year... Insure With AGRICULTURAL MUTUAL

IN 1949
AGRICULTURAL MUTUAL PAID POLICYHOLDERS
50% DIVIDEND ON LAST HALF OF YEAR
10% DISCOUNT ON FIRST HALF OF YEAR
5% DISCOUNT ON LAST HALF OF YEAR

HAVE YOU EVER RECEIVED DIVIDENDS AND DISCOUNTS LIKE THESE?

Examine the record of dividend and discount payments to Agricultural Mutual policyholders at left. If you haven't received similar dividends and discounts, it will pay you to see your Agricultural Mutual agent. Take advantage of Agricultural Mutual's hail protection *at a saving!*

IN 1950
AGRICULTURAL MUTUAL PAID POLICYHOLDERS
18% DIVIDEND ON LAST HALF OF YEAR
10% DISCOUNT ON FIRST HALF OF YEAR
5% DISCOUNT ON LAST HALF OF YEAR

IN 1952
AGRICULTURAL MUTUAL PAID POLICYHOLDERS
17% DIVIDEND ON LAST HALF OF YEAR
10% DISCOUNT ON FIRST HALF OF YEAR
5% DISCOUNT ON LAST HALF OF YEAR

IN 1955
AGRICULTURAL MUTUAL PAID POLICYHOLDERS
10% DIVIDEND ON LAST HALF OF YEAR
10% DISCOUNT ON FIRST HALF OF YEAR
5% DISCOUNT ON LAST HALF OF YEAR

COMPARE BEFORE YOU BUY!

There's a BIG difference in hail insurance contracts. Play safe . . . you KNOW what you're buying when you deal with Agricultural Mutual . . . serving Iowa farmers for nearly a quarter of a century.

Only Agricultural Mutual Offers You ALL of these Advantages:

- Low cost, easy payment bushel plan
- Free annual amending service
- Extended coverage on small grain
- Sound financial strength and stability
- Guaranteed cash discounts every year
- Automatic windrow, bundle or shock coverage
- Prompt, exact and scientific adjustments
- Non-assessable contracts
- No detrimental replant clause — which means Agricultural Mutual offers more complete coverage in the replant months when it is most likely to hail.

For complete information, write Karl Wagner, Secretary

AGRICULTURAL MUTUAL HAIL INSURANCE ASSOCIATION

CAPITAL CITY BANK BUILDING — DES MOINES, IOWA

YOUR BEST FERTILIZER BUY—FOR CROP RESULTS—ECONOMY—SERVICE

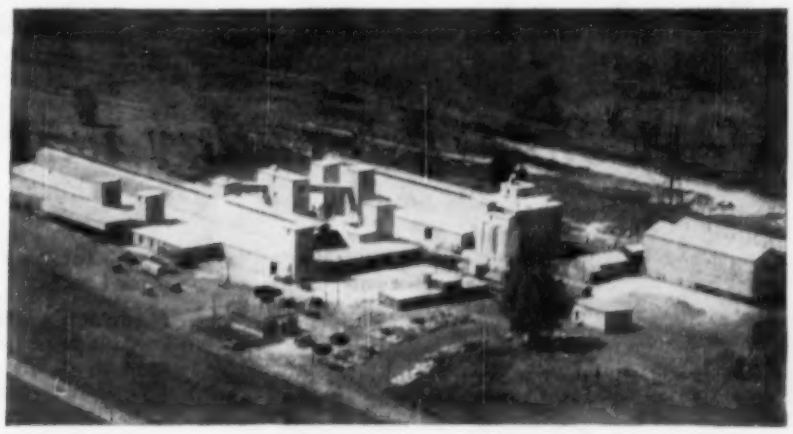
AGRICO®—Our premium grade fertilizer, with a record as The Nation's Leading Fertilizer, is backed by nearly 100 years of experience in the production of quality fertilizers. Formulated on the basis of better than one-half million soil tests and thousands of practical on-the-farm fertilizer checks. Use AGRICO, one for each principal crop and crop-producing area. See the all-important difference AGRICO makes in *extra* yields, quality and crop profits.

AA® FERTILIZER—The popular standard quality fertilizer in the nation's principal farming areas . . . an outstanding value for both crop-producing efficiency and rock-bottom economy . . . backed by years of successful crop results on farms throughout the country.

18% NORMAL® Superphosphate—Your best way to supply phosphorus, the key plant food element. 18% NORMAL supplies your crop phosphorus in the most available form at low cost. 18% NORMAL is superphosphate made the "normal" way with no reduction in the valuable content of calcium and sulphur, which along with phosphorus are also valuable plant foods and play an important part in producing top yielding, high quality, profit-making crops.

QUICK SERVICE FOR YOU! With the most modern equipment, these two new AGRICO plants are ready to supply you with the best fertilizers you can buy for the dollar invested. Available in bags or bulk, you'll find our quick service a real time saver. Have the best fertilizer on hand when you need it . . . ORDER NOW.

NEW AGRICO PLANT AT HUMBOLDT, IOWA, located north of Humboldt, Iowa, on the East side of Route 169. Now in full production ready to supply your fertilizer needs in bags or bulk.



LARGE, MODERN AGRICO PLANT AT FULTON, ILL., located just across the Mississippi from Clinton, Iowa, ready to supply you with AGRICO, AA Fertilizer and 18% NORMAL Superphosphate.

2 *big plants ready to supply Iowa farmers*
High Quality . . . Free Flowing Fertilizer

AGRICO • AA FERTILIZERS • 18% NORMAL Superphosphate

Made ONLY by **The AMERICAN AGRICULTURAL CHEMICAL CO.**

Miners of Phosphate Rock • Manufacturers of Chemicals for Farm and Industry

HUMBOLDT, IOWA • FULTON, ILLINOIS • BOX E, NATIONAL STOCKYARDS, ILL.

"My only cash outlay was $3.04 per 100 lbs. of pork"

"I've been feeding MoorMan's Pig and Hog Mintrates only a year and a half, but that's long enough to prove they cut my feeding costs," says Joel Stearns, Rock Co., Minnesota. "On MoorMan's my pigs are ready for market sooner than any others I've ever raised, and feed costs are lower.

"Take the pigs you see in this picture. They averaged 217 pounds when we put them on the market at 5½ months. The corn and oats they ate were raised here on the place. The only cash I put out was for Mintrate—and that came to only $3.04 for every 100 pounds of pork I sold."

MoorMan's Mintrates for Pigs and Hogs are concentrated concentrates. The scientific combination of minerals, vitamins and proteins in Mintrates help digestive systems of pigs and hogs literally wring more growth power out of the feeds you raise yourself. *Mintrates are not complete feeds* . . . they contain no "fillers" and a minimum of fiber. They are designed to help you cut feeding costs to the bone by making better use of your own grain and forage. For those low-cost, rapid gains on your own hogs—talk to your MoorMan Man—a real helper on profitable feeding. If he doesn't call soon just drop a line to Moorman Mfg. Co., Dept. S64, Quincy, Ill., and we'll give you details.

MoorMan's*

Since 1885—71 years of Friendly Service

Mintrate for Hogs

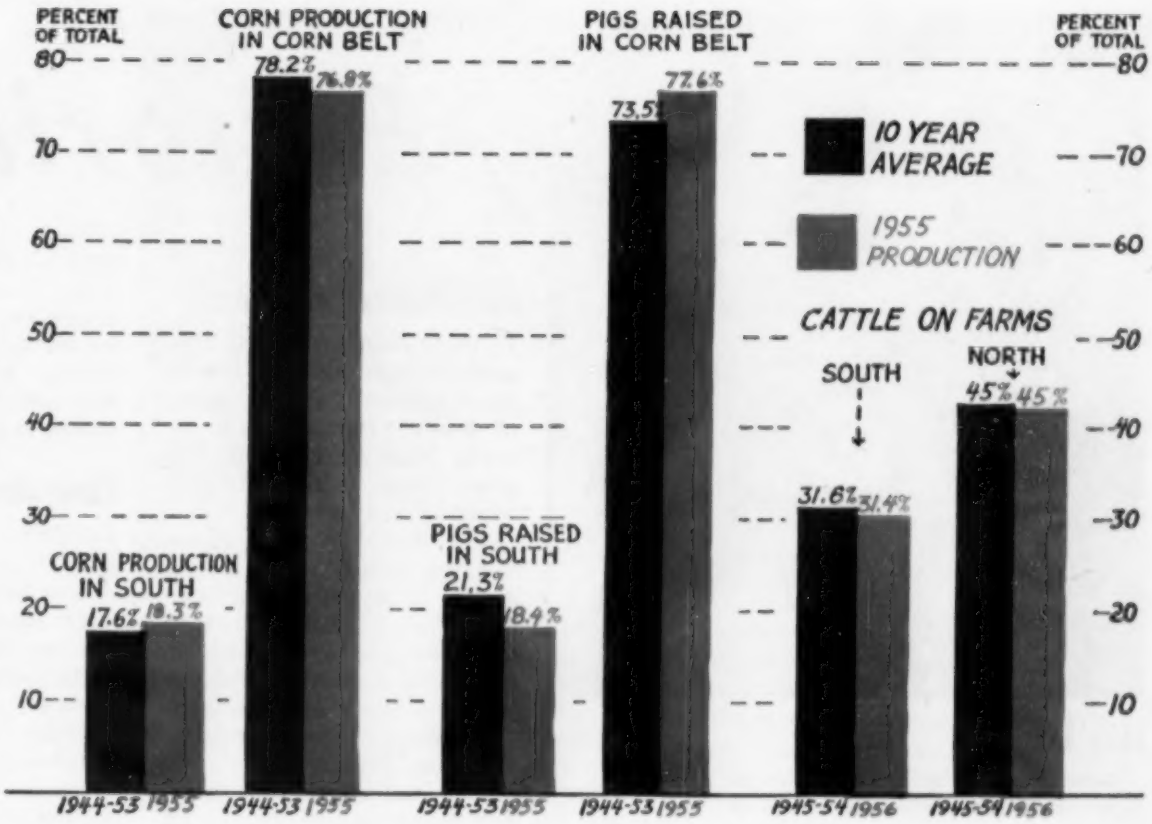
—one of 10 mineralized protein and vitamin concentrates that help livestock and poultry make better use of home-grown feeds.

*Trademark Reg. U.S. Pat. Off.

● Corn, hog and cattle production for Corn Belt and South are compared here. Black columns are 10-year average production in percentage of U. S. total. Red columns are 1955 percentage.

● The Corn Belt includes these 12 states: Iowa, Illinois, Minnesota, Nebraska, Missouri, South Dakota, North Dakota, Indiana, Ohio, Wisconsin, Kansas and Michigan.

● The South includes 16 states: Texas, Oklahoma, Louisiana, Arkansas, Mississippi, Alabama, Tennessee, Kentucky, Florida, Georgia, South and North Carolina, West Virginia, Virginia, Maryland and Delaware.



Corn and hogs to go south?

How serious is southern competition for North?

DO YOU fear that the Corn Belt is losing to southern states in corn, hog and cattle production?

The South has a longer growing season than we have in the Corn Belt. Rainfall averages higher except in Texas. Winters are mild for livestock.

So southern farmers can choose to grow feed crops and livestock instead of cotton, tobacco and rice.

To the extent that southern farmers shift to feed and livestock, northern farmers might be hurt.

So let's look at production changes for the two areas. Just how much of our corn, hog and cattle production has the South taken over?

Chart on this page shows production of corn, hogs and cattle for each region. Ten-year averages and 1955 production are shown to indicate trends.

First, let's take corn production. We'll compare 16 southern states with 12 Corn Belt states. Southern states include Texas and all territory east to the Atlantic coast.

The South produced 578 million bushels last year in round numbers. Rainfall was good last year in the South after the very dry 1954. Yield was six bushels above average.

This 578 million bushels produced in the 16 southern states is 37 million bushels more than the 10-year average Iowa production.

And the 578 million bushels compare to about 2.5 billion bushels produced in the Corn Belt. So Corn Belt production is between four and five times as much as in the South.

But you want to know if the South is now raising a larger percent of the total U. S. corn crop than in years gone by.

See the columns at the left of the chart. The South produced 17.6 percent of the nation's corn crop in the years, 1944-1953. Last year, southern farmers produced 18.3 percent.

In the Corn Belt, farmers grew 78.2 percent of the corn as an average of the 10 years, and 76.8 percent of the total U. S. crop in 1955.

So the South has made a slight increase in percentage of total corn raised. But in bushels, the increase is very little. It amounts to 41 million bushels.

It's interesting to note that southern farmers are producing their slightly greater corn total on fewer and fewer acres. Corn acres in the South are down five million acres comparing last year with the 10-year average. Higher yields are offsetting decline in acres.

What's happened in other feed crops not shown on the chart?

The South has made a slight gain on the Corn Belt in oats production. About one percentage point.

But in grain sorghums, the South has almost doubled production, comparing last year with the 10-year average. Increase in the Corn Belt was one-third.

Total grain sorghum production in the South last year was 163,760,000 bushels. That's equivalent to about one-third of Iowa's 1955 corn crop.

Bean growers of the Corn Belt seem to have more to fear from the South than do other producers.

In the 10-year period, 1944-1953 only 10.3 percent of the nation's beans came from the South. Last year the South produced 16 percent.

But what about livestock? Is the South taking hog and cattle production away from the Corn Belt? See middle columns on the chart.

In the 10-year period, 1944-1953, 21.3 percent of the total U. S. pigs were produced in the South. Last year, only 18.4 percent were raised there.

At the same time, the Corn Belt went from 73.6 percent of the total pigs raised to 77.6 percent. The Corn Belt is gaining on the South and the rest of the country in pig production.

How have cattle numbers changed between the Corn Belt and the South?

There have been big increases in cattle in all southern states except Texas.

But when the whole South is compared with the Corn Belt, the race toward higher cattle numbers is neck and neck. The Corn Belt maintains about 45 percent of total cattle on farms and the South about 31.5 percent.

Cattle figures are from the census of all cattle on farms on January 1. Both beef and milk stock are included.

A summary of production changes between North and South shows this:

Southern farmers are gaining on the Corn Belt in grain sorghum and soybean production. In corn and oats production, there is little change between the two areas. In total feed crops, there is a slight edge to the South.

In both North and South, records show that diverted acres tend to go to beans and grain sorghum.

Northern farmers have the edge in livestock increases. The South is producing a smaller percent of the total hogs. There's no change in cattle.

As of now, Corn Belt farmers are not in trouble because of big production in the south.—Homer Hush.

Big User

Some farmers milk cows but go light on utilizing milk and cream at at home. Not so with the Bernard Hogedorn family of Mitchell county, Iowa. Even in winter, Bernard often cranks a freezerful of ice cream.

Editorials...

Our Master Farmers

IT IS 30 years now since Wallaces' Farmer and Iowa Homestead named the first group of Master Farmers here in Iowa. This week, we add five more names to the list. (See pages 60 and 64.)

The Master Farmer award does not go to the mere money maker or farming perfectionist. It is intended for the man who also looks beyond his own gates and is always willing to lend a helping hand in community affairs, even at the expense of neglecting his own work.

Unfortunately, not all "master farmers" by this definition are located by our nomination process. Sometimes the ones we do pick claim we made a mistake. They get very uneasy under the brief glare of the spotlight. But we don't go on their own estimation of themselves. It's what others say of them that counts. They can't escape if their record is good enough.

Cow Juice for Kids

DO YOU KNOW whether your local school is in the special milk program?

If you're not sure, better check with your school board. Many boards have not yet taken advantage of the government's offer to share generously in the costs of making milk available.

Some boards have said they didn't want to bother with it. Such an excuse is no longer acceptable to any farmer interested in either farm income or in the health of our children.

If Ike Vetoes

DELAY on the farm bill has resulted in one of the most puzzling situations ever faced by Corn Belt farmers.

Because they realized some adjustment was in order and at the same time regarded Benson's low-corn-allotment-low loan as unacceptable, most farmers have been waiting for the new farm bill before finalizing '56 plans.

But the bill has only passed the Senate so far, must yet run the House gauntlet, and may in the end be rejected by President Eisenhower. Meantime, oats seeding has come, and farmers have had to go ahead.

In the expectation that some kind of a soil bank bill will still get out by corn planting time, some farmers have put out extra seeding. Or are waiting a little longer before finishing their plowing for corn and beans. About all the individual can do is watch Congress and stay in shape to make a few shifts up to corn planting.

If the President should veto what Congress finally sends him, a more liberal interpretation by Benson of the present law may be the Corn Belt farmers' only hope for much federal help in '56.

Benson might have done a number of things here in the Corn Belt without waiting on a new farm bill. For example, he could have obtained considerable soil bank effect by offering much more generous payments for putting out soil-conserving crops. And under Section 303 of existing law, he could even offset his low announced corn loan rate by arranging supplemental payments on corn for acreage allotment compliance.

Of course, there is an outside chance that dry weather will continue rather general, in which case Benson just might be "saved" by the "mountainous surpluses" which he has so long deplored.

Tie with unions?

Discouraged farmers seek alliance with organized laborers

"MY GOSH! Are farmers ready to join labor unions?"

A somewhat shocked office visitor put this question to me one day in late March. The morning papers had reported how a tie-up with AFL-CIO was being urged at meetings south and west of Des Moines and also up in the Waterloo area.

I replied that this development was a little surprising, of course, but not entirely unexpected. All winter, I kept running into farmer friends, normally quite conservative, who had given up hope on effective government action.

As yet, these moves do not seem to have gone much beyond the exploratory stage. It is not even certain that the unions would take in farmers since their present set-up has no provision for such affiliates.

My own inquiry has centered on exactly how union power might be applied to help livestock prices. One answer is that farmers might take the first step by throwing a picket line around packing houses. Then the plant workers presumably would refuse to cross this line, thus paralyzing operations, until packers agreed to buy hogs at acceptable prices.

Some enthusiasts for union cooperation think that hog prices could be raised several dollars a hundred in this way, without seriously affecting retail prices or causing a pile-up of pork. They get this idea from looking at the increased packers profits this past year and by noticing how other middlemen have maintained their margins.

Others, including some of the union people, are not so sure about this. They agree that picket action (if not illegal under the Taft-Hartley law and union contracts) might "scare" hog prices up temporarily thru cutting off deliveries, same as pulling the master switch in a factory, only not nearly so easily done. But these hogs would have to come to market eventually and would overload the market after all.

"The way we understand it," one CIO leader said to me, "farmers have an underlying problem of adjusting production. If so, they'll have to solve that one out on the farm. Bargaining with packers wouldn't be the solution. We'd get prices up all right by turning back hogs. But how long could farmers stand that?"

This union man went on to declare, nevertheless, that laborers fully realize their interest in adequate farm income. Because of low farm prices, some farm machinery plants have cut back on output and laid off workers. Packinghouse employees, too, would rather see uniform hog production from year to year, instead of the fluctuations which inevitably follow poor prices.

But if plant stoppages are not the answer, on what then might a farmer-labor partnership focus its attention?

The CIO official is of the opinion that the main drive still should be on proper legislation and sympathetic administration.

One thing baffles him, tho. That is the wide difference of opinion among farm people, even under the same family roof, on what ought to be done. If they got together, he suggests, they could make any one of a number of schemes work. If only he wasn't so right.

—*Art Thompson*

More Than Margin

SOME PEOPLE still think a good way to help livestock producers would be to cheapen all feed grains. Then, they say, you'd have a profit margin even with low hog prices and would be in the black again.

Would you? If you raise your grain—as many farmers do—your gross return, including feeding margins, still might not be enough to cover your farm operating expenses and leave a decent living. It has to be kept in mind that when farming costs are high, it takes a big gross return even to get you up to the point where red changes to black.

Not For Lunkheads

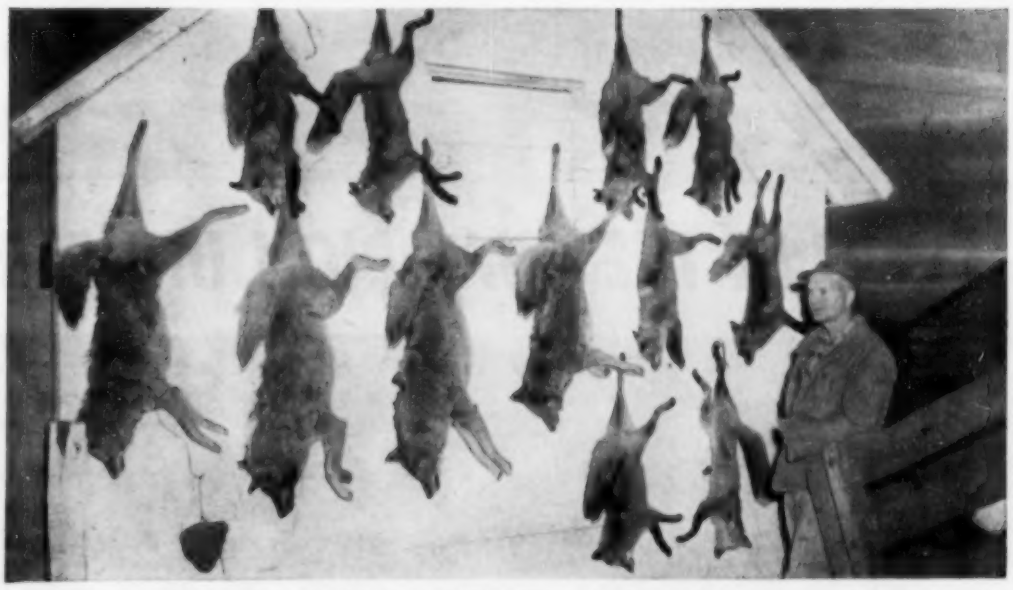
THIS IS the time of year—the planting season—when one realizes that machines will never entirely take over farming.

When oats seeding weather comes along, perhaps the ground is unusually dry. You wonder. Should you sow and hope a rain will come in time for even germination? Or should you wait a little longer?

There have been years when it was a mistake to wait until the rains came. They didn't let up for days, and you got your oats in too late.

And if you sow while the soil is still short on moisture, should you disc in the legume and grass seed instead of harrowing it in as usual?

These are the questions that the machines can't answer. Nor the books. Nor the people who think that just any lunkhead can farm.



Winter hunting— Jim Fitzgibbons of Harrison county, Iowa, is shown here with some of the coyotes and foxes which he and his neighbors rounded up this past winter. Neighbors in on the chase were Cyril Rufcorn, Mervin Earlywine, Pete Gamut, Gerald Landon and Carol Griffith. It took two days with hounds to get one of the big coyotes.

Odds and Ends . . .

. . . THE SOVIET government has reduced the laborer's work week from 48 down to 46 hours, without a reduction in total pay.

. . . ESTIMATED VALUE of U. S. government property, at home and abroad, was tentatively valued on June 30, 1955, at $208 billion. Of this amount, more than one-half ($107 billion) represented defense items.

. . . "HE (THE FARMER) hasn't missed any debt payments, and he is not in a financial squeeze," declared David R. Buttrey, Jacksonville, Fla., banker on March 21 before the National Installment Credit Conference.

. . . MANY CITY people do not realize that the official estimates of net farm income include an allowance for home-produced food supplies and other goods. While total net farm income in 1955 amounted to $11 billion, actual cash receipts amounted to about $7.5 billion.

. . . PACKINGHOUSE workers were riled up awhile back when Secretary Benson implied that increases in their wages since 1952 were partly responsible for low hog prices. According to the CIO, wage changes were more than offset by a rise of six percent per year in their manhour output.

. . . IN LATE MARCH, hog prices finally inched their way up to the highest point since last fall. Why? Deliveries were away down. The hogs involved were no better than those sold a few weeks earlier, but their owners were just luckier under our variable system of rewarding producers in the market place.

. . . LIVING COSTS at mid-February were unchanged from a month earlier, according to government reports. Since prices of most consumer goods and services rose during the period, how could the over-all index average be unchanged? This it did because food prices declined for the fifth straight month. And food prices fell because farm prices were down.

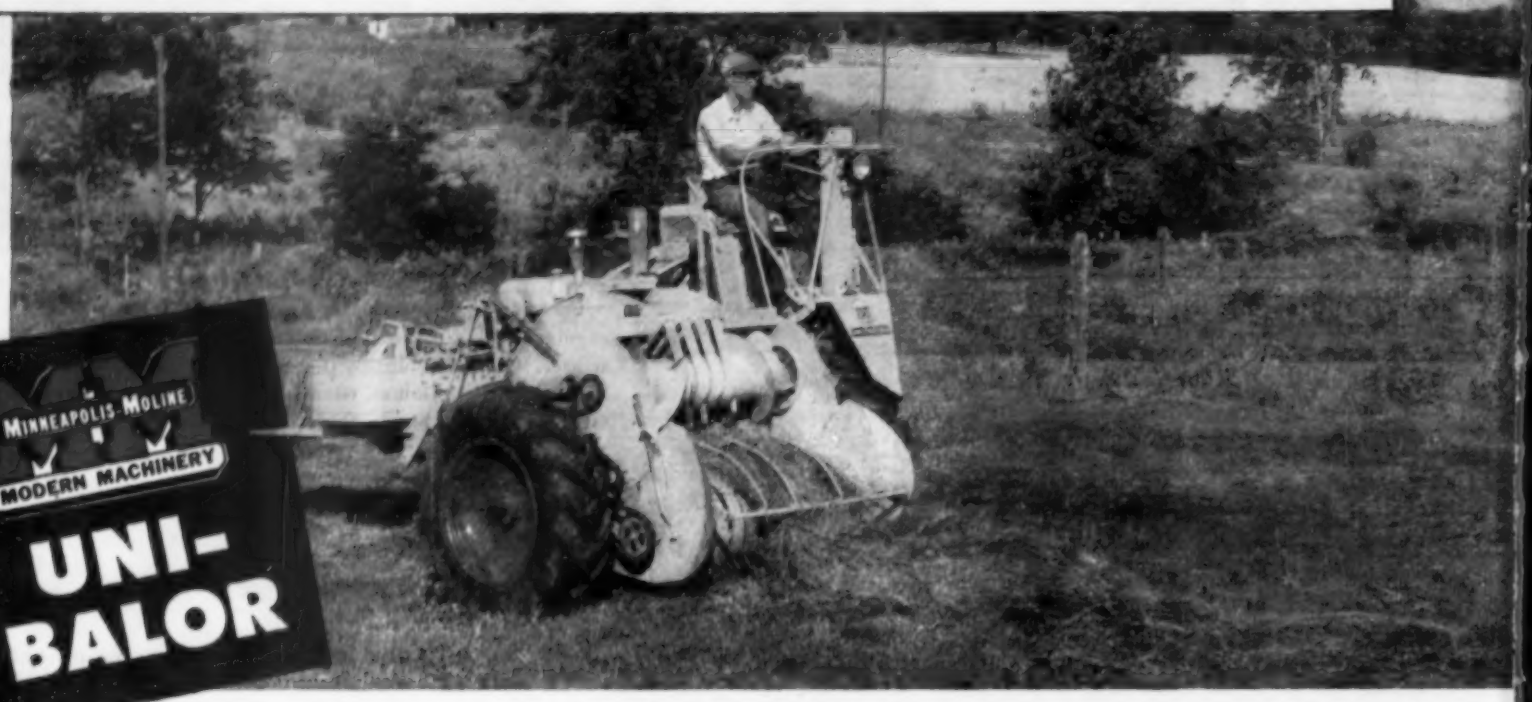
. . . COOPERATION between farmers and organized labor is the aim of another new farm group known as the National Agricultural Producers Union, formed at Ryan, Delaware county, Iowa. D. P. Mangold, president, says, "We hope to bargain with all of our purchasers the same way labor bargains. For example, we expect to negotiate prices of our meat products with the packing companies."

Song of the Lazy Farmer

I DON'T believe there's anything as nice as rain in early spring. Tho some folks tend to disagree, it's always been a fact for me that all seems right and life is great when April skies precipitate. When showers make my neighbor sit, he starts to chomping at the bit and says he'll never make his crop unless the rain decides to stop. Mirandy also starts to fret whene'er the ground is soaking wet; she says we've got to have some sun or else our field work won't get done, but I think she is mostly mad because the rain makes me so glad.

It's folks like neighbor and my wife who miss the greatest joys in life. The music of the rain, I fear, is something they just never hear; they can't admire a bursting bud because their eyes are on the mud; they don't think it should rain a bit except when they have ordered it. Nobody but an egotist would ever brassily insist that Nature check for his okay 'fore giving us a rainy day; but if by chance she ever did, I'd be the first to make my bid. I'd order rain with all my might whenever there was work in sight.

NEW IN THE CHAMPION UNI-FARMOR FAMILY...



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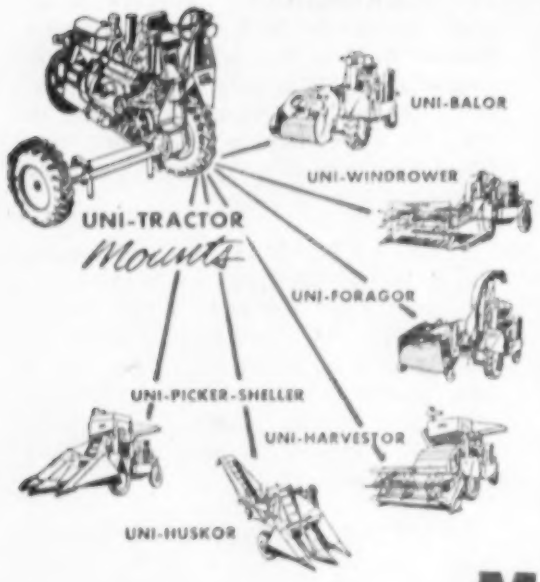

GET THESE DOUBLE UNI-FARMOR BENEFITS: LOWER MACHINERY COSTS, BETTER HARVEST PROFITS

Here's why you owe it to yourself to have *all the facts* on MM Uni-Farming. If you plan to buy any harvesting machine this year . . . combine, baler, forage harvester, corn husker, corn picker-sheller, self-propelled windrower . . . for the sake of your pocketbook and the future of your own farming operation—SEE YOUR MM DEALER . . . sure! Uni-Farmor machines save you big money on first costs, save maintenance dollars, save you money every time you add a unit because you never have to duplicate the engines, chassis or wheel assemblies. AND the Uni-Farmor family offers the outstanding harvesting advantages that have made it the overwhelming winner in three straight major corn competitions.

Now, read these facts on the new Uni-Balor . . . then get the facts on *all* the Uni-Machines. See why you're *dollars* ahead, *profits* ahead when you join the thousands of leading farmer-businessmen who are Uni-Farming today.

Ask your MM Dealer to show you *all* the ways this new Uni-Balor and the five other Uni-Farmor machines can pay you. Discover for yourself how MM Uni-Farming can save you $1,500 or more on first machinery cost . . . and net you *extra* profits on every crop you harvest.

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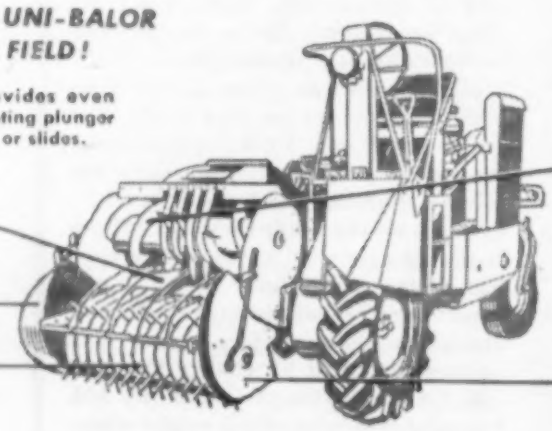
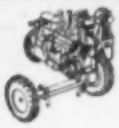
THESE ADVANTAGES MAKE THE MM UNI-BALOR THE MOST ADVANCED BALER IN THE FIELD!

- **Spring-loaded packer provides even feeding for solid bales. Pivoting plunger and packer eliminate tracks or slides.**
- **Hay travels straight through from pick-up to bale drop. No feed-restricting corners.**
- **Large side-sheets protect hay from blowing winds. Hold-down bars are standard equipment.**
- **Big, 4-foot wide pick-up with five rubber-mounted spring finger bars. Large-diameter drum rejects stones and clods.**

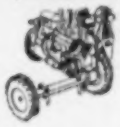


- **Exclusive twine tension control designed to prevent twine breakage. Knotter bills are rust-resistant stainless steel.**
- **Controlled-action auger feed with double flights on each end. Four pairs of fingers feed hay from auger center.**
- **Full size 14 x 18-inch bales tied across folded sections of slices. Bales are firm and square-cornered . . . hold together for easy handling even when material is short.**
- **Rigid tubular frame with adjustable gauge-wheels and counter-balance spring lets pick-up float over uneven ground.**



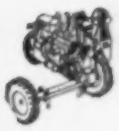
UNI-WINDROWER

Open fields anywhere, cut hay or grain as crops ripen with this MM Uni-Windrower. Uni-Matic hydraulic cutting height control, 10-foot capacity and constant cutter speed for all ground speeds, make every windrowing job faster and easier.



UNI-FORAGOR

Hay or row crops, this MM Uni-Foragor chops to the lengths you want, without leaf-loss or stem shattering. You set cutting lengths of ⅜" to 3" without removing cutter knives. Pick-up and direct-cut hay heads and row crop head are quickly interchangeable.



UNI-HARVESTOR

This MM Uni-Harvestor gives you self-propelled Uni-Farmor operation with famed MM Harvestor performance. Self-adjusting raddle feed, rock-trap concave with one-lever adjustment and hydraulic header control are big advantages. Available with 9-foot header or interchangeable windrow pick-up.

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UNI-HUSKOR

You husk with the world champion, when you husk with this MM Uni-Huskor. The exclusive MM husking bed with rotating and side-to-side action and 10 sectional metal-and-rubber husking rolls, Uni-Matic height control, and powerful cleaning fan are Uni-Huskor advantages that make corn pay best.

UNI-PICKER-SHELLER

This advanced 2-in-1 Uni-Farmor machine handles corn with up to 30% moisture content in one trip through. You profit by all the crop-saving advantages of the champion Uni-Huskor and get unbeatable MM shelling, too. Powerful cleaning fan and long cleaning sieves deliver a clean, trash-free crop.

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In 1954, MM Uni-Huskors swept 1st, 2nd and 3rd place in the International Corn Picking Contest. Again in 1955, Uni-Huskors took 1st place honors in the U. S. 2-row contest, and 1st, 2nd and 3rd place in the All-Canada Self-Propelled Contest.

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Cheap hogs start pig crop cuts

In Iowa, spring sows down 13 percent

THE present U.S. spring pig crop may be four or even five percent below 1955. Only a two percent reduction was indicated by farmers in December.

And the reduction may be mostly in the later pigs—March to May farrowings. That means a further shift toward early marketings this summer and fall

These pig raising changes are indicated by a survey of farmers in nine states.

What farmers in these states do has real meaning because they raise over 70 percent of the nation's spring pigs.

In this latest survey, farmers of the nine states say their spring farrowings will be seven percent below last year's totals. Last December, farmers in these same states intended to reduce sows 3.5 percent.

So a four percent reduction in this year's total spring pig crop seems very probable. If sows were reduced in other areas from December to March, the cut could be greater.

With such a cut, spring pigs might total 55 million. What would that number do to hog prices? Let's look at pig crops and prices back three years.

The 55 million head would be 2.3 million less than the 57.3 million for market last fall. That total dropped prices to $10 to $11 on the farm.

The 55 million would be 2.2 million more than the 1954 crop of spring pigs. Fall low was about $17 on the farm that year.

And 55 million spring pigs would be seven million more than the 1953 spring pig crop. Those were the pigs that brought farmers $20 at the low point. And over $25 at the peak.

So it appears that even if farmers make the extra reduction in spring pigs as indicated from the new survey, there'll still be enough hogs to depress prices this summer and fall.

In fact, we would not be near the low supplies that produced hog price booms in the past.

But perhaps hog prices should not sink to $10 and $11 this fall. That is unless beef slaughter is extra heavy or business and employment go down.

Spring pig prospects in nine states

State	Early farrowings Dec.-Jan.-Feb.		Late farrowings March-April-May		Total spring sows Dec. thru May	
	Sows	% of '55	Sows	% of '55	Sows	% of '55
Iowa	369,000	91%	1,355,000	86%	1,724,000	87%
Illinois	260,000	101	681,000	98	941,000	99
Minnesota	114,000	88	467,000	86	581,000	86
Missouri	190,000	119	346,000	108	536,000	112
South Dakota	27,000	79	256,000	79	283,000	79
Kansas	45,000	107	80,000	85	125,000	92
Wisconsin	83,000	94	226,000	85	309,000	87
Indiana	302,000	102	287,000	100	589,000	101
Ohio	162,000	105	239,000	103	401,000	104
Nine states	1,552,000	99	3,937,000	91	5,489,000	93

why it will pay you best

Early pigs like these shown here have a chance to get to market ahead of the usual summer and fall price decline.

It's worth noting that two pig crop cuts have usually been necessary before prices rise after peak production and a price slump. This is only the first cut in this production cycle.

The continuing shift to earlier farrowing is important to hog producers.

Note that sows to farrow December thru February will be down one percent. Sows for March to May, down nine percent. That's shown in the table.

If this trend is general for the nation, July, August and September hog marketings will be about the same as for last year. The big reduction in hog supplies will come in the period, October thru December.

This doesn't mean, however, that hogs will be scarce in the late months of the year. Even with all the shifting to earlier pigs, there'll still be 72 percent of the pigs going to markets October to December.

What the farrowing shift indicates is an early break in hog prices after the summer high. Early pigs should be rushed to market weights.

In what states are extra reductions being made in spring sows?

Notice the table showing figures on early sows, late sows and total sows kept for the nine states individually.

Biggest reductions in sows for spring pigs are indicated for Iowa, South Dakota, Minnesota and Wisconsin. Cuts range from 13 to 21 percent there.

The 13 percent reduction for Iowa compares to a six percent cut indicated last December.

If Iowa farmers follow thru on their March 1 intentions, the Iowa pig crop will be the smallest since 1948.

Illinois farmers say they will reduce sows only one percent. Kansas farmers will reduce eight percent.

Sow increases are indicated for Missouri, Ohio and Indiana.

Missouri increase is a result of recovery from drouth. Ohio and Indiana increases come from plentiful and cheap corn.

What about sows for fall pigs? Farmers were asked about sows to be kept for early fall pigs. Farmers in all states indicated reductions. Average was eight percent below 1955 early fall pigs.

This fall sow report is preliminary, however. The June report on the full farrowing period may be different.

Reports indicate, however, that farmers have started to reduce pig crops. If they continue as in other periods, reductions will continue for about two years. Prices should rebound in 1957.

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Start now to bank these extra shelling profits!

Shell at lowest per-bushel cost
You just can't beat an MM Sheller for making quick, low-cost work out of big shelling jobs. Per-hour output of up to 500 bushels with the Model D, up to 1200 bushels with the Model E saves man-hours, fuel and money. These big savings can be yours *right now!*

Fast, gentle MM shelling!
MM's low-speed cylinder and steel-rod cage design gives you unmatched shelling capacity. Gentle, thorough "rubbing" action handles snapped or husked corn without bruising or cracking kernels.

Shell your corn premium clean!
Corn is *worth* more, shelled the MM way! Two powerful fans, one for blast and one for exhaust, work together over the full length of the MM cleaning shoe. This two-way action puts corn in the bin clean . . . free of dust, trash and husks . . . in *premium* condition!

Save with far lower up-keep expense!
Up-keep stays at rock bottom with an MM Sheller. You shell snapped or husked corn with little adjustment. Fewer moving parts, larger bearings and pressure lubrication cut wear. You pocket big maintenance savings with every year of dependable service.

Profit by long, big-capacity service!
One MM owner put over one-half million bushels of corn through his Model D Sheller in less than two years . . . and the Sheller was still going strong! Performance like that means you solve your shelling problems for good when you buy an MM Sheller!

Bank big custom profits!
When your own corn is in, you go right on making extra cash by shelling for your neighbors. Both Model D and Model E Shellers are easily portable. Both are available for truck or trailer mounting. Many owners pay for Shellers in one season by spare-time, off season work.

REAL CAPACITY... FOR YOUR CORN AND YOUR NEIGHBORS!
This MM Model E Sheller shells up to 1200 bushels of husked corn per hour, handles snapped corn with only minor adjustment. One-piece 32-inch long cylinder delivers big capacity at slow speed.

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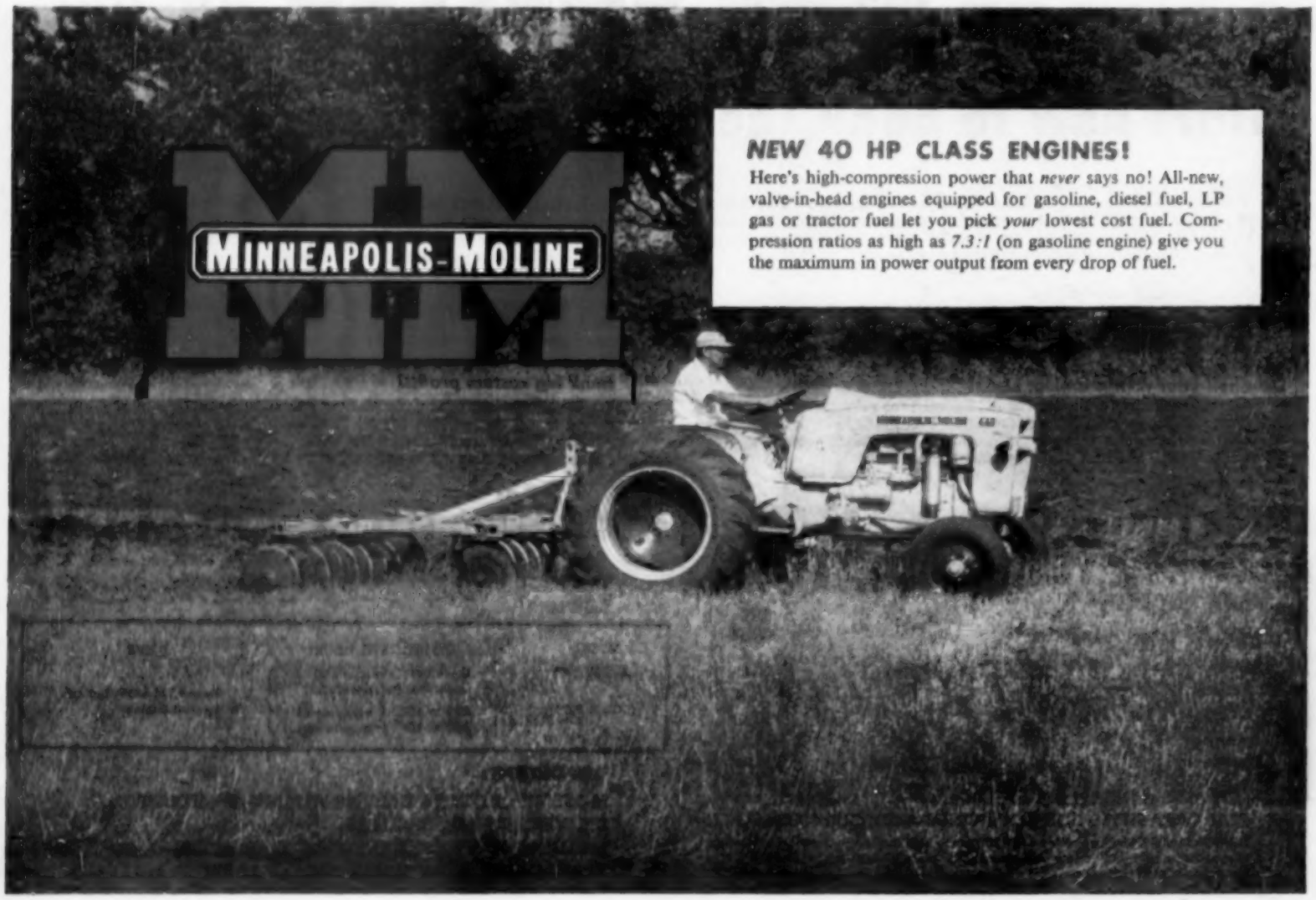

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Dynamic new design! Trimmer *outside* . . . tougher *inside*—that's the new *POWERlined* design! It's a *man's* tractor, with solid stay-power built in!

Tremendous new power! Tucked under that *POWERlined* hood is a high-compression powerhouse . . . with all-new valve-in-head engines.

Exclusive power-traction balance! MM's exclusive Ampli-Torc Drive and Ampli-Trac hydraulic hitch match power and traction to *any* job.

New power assists! Uni-Matic hydraulic power for steering and implement control . . . rear wheels that power-adjust to fit any row crop . . . new, scientific control location—it never took less muscle to run a tractor!

You can buy the 445 in two *POWERlined* models, the all-purpose Universal, or the compact, versatile Utility, with a complete line of new MM implements for front or rear mounting. See your MM Dealer now . . . ask him to make you one of the first to drive this *out-ahead* tractor . . . on a *real* job . . . on your farm!

MINNEAPOLIS-MOLINE

MINNEAPOLIS 1, MINNESOTA

MM *IS ON THE MARCH!*

Michael walks at 10 months. He is a healthy normal baby. But his young parents often went hungry to give him the food he needed. Now they are getting help from the surplus food.

Farm surplus for hungry people

SURPLUS farm products, some of them —perhaps—produced on your farm, have made life easier for one particular Polk county, Iowa, couple.

Howard and Ann, parents of 10-months-old Michael, shown above, are honest, self-respecting young people. Howard's take home pay is small. But until Michael was born, they managed to get along.

Doctor and hospital bills incurred at Michael's birth, Howard's subsequent illness made it impossible to meet their obligations without cutting deeply into their living expenses.

The only flexible item in their budget was the food bill. Michael never went hungry. The young people saw to it that he had the food he needed to grow into a healthy active child for his age.

But Howard and Ann cut their eating down to two meals a day.

How long Howard could have gone on working on an inadequate diet is hard to say. Loss of weight and energy made Ann an easy prey for colds. Without help of some kind, this family might have, in time, had to go on relief.

But they heard about the surplus food program administered by the state department of social welfare. They applied at the Polk county office, were accepted and took home with them a month's supply of surplus foods.

Ann's supply for the month consisted of three pounds of butter, two and a half pounds of processed cheese, a four and a half pound can of dried skim milk, a three pound can of lard, three pounds of lima beans, three pounds of rice, 10 pounds of flour, and five pounds of corn meal. Perhaps next month, her supply will include some cans of pork and gravy and pork lunch meat.

Altogether the surplus food supply for this family of three for a month would amount to $10 or $12. Allotment is made according to the size of the family.

A larger family gets more commodities. This food alone would not supply a family for a month, but it can make the difference between having enough to eat and going hungry.

"Surplus commodities," says Leland Ahern, director of Polk county welfare, "makes it possible for many families to stay off the relief rolls."

This program is open to all counties in the state. Application is made thru the county board of supervisors who guarantee delivery and distribution costs. These costs vary from two to 10 percent of the value of the food received. Average cost per county is about $400 for $30,000 worth of food.

The counties that have adopted the program are enthusiastic about it. The board of supervisors in Jasper county says that 75 to 80 percent of the families who apply for these foods have children.

Miss Ardell Welle, county director of welfare, says that there is a definite decline in medical costs to the county, in the families that receive these surplus foods.

Who is entitled to these surplus foods? All groups on relief are entitled to apply. But there is another group, those like Ann and Howard for instance, who need temporary help. Older people who find that a social security check will not cover necessities are entitled to assistance. Widows with children; folks out of jobs or with part-time jobs and handicapped folks may apply.

Storage for these commodities, which often come in carload lots, presents a problem for the county officers. Distribution and record keeping are other problems.

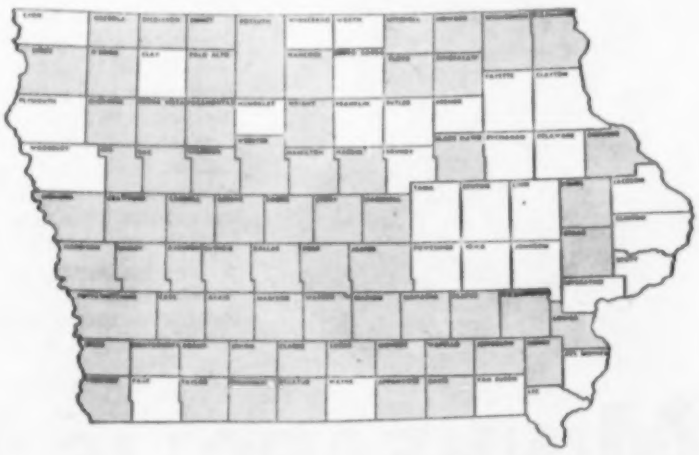
But many counties have found sponsoring groups that do an excellent job in taking over these duties.

Jasper county has excellent volunteer help in the auxiliary of the local labor union. In other counties, church groups, American Legion auxiliaries, etc., are doing a fine job in helping to administer the program.

This program is similar to the food stamp plan of the 1930's that fed many hungry folks during the depression.

At that time stamps were issued to those who were entitled to surplus commodities. These stamps were taken to the local grocery stores and traded for the items that were on the list.

Iowa has a good record in the present program in which 33 states are participating. If all the counties in all the states would make full use of the program, there would be fewer surpluses and better-fed people—Zoe Murphy.



Shaded counties are taking part in the Iowa surplus food distribution program. This program, under the direction of the state department of social welfare, distributed over two million dollars worth of commodities in 1955.

Rod Brasfield says:
"WOW! What a Record!"

30,000 PIGS
proved Purina produced pork for only $9.80 per cwt.

Across America, hundreds of Purina dealers offer a free Pig Weighing Service. They weigh a farmer's pigs and put them on Purina. An accurate record of feed consumption is kept. Then, about 30 days later, the pigs are weighed again and cost of making pork is figured.

Pig weighing reports on nearly 30,000 pigs weighed in 29 states showed an average cost of $9.80 per cwt., to make pork on Purina and home grain. Average weight of pigs at the start was 69 lbs. They weighed 119 lbs. at the second weighing—made a gain of 1⅔ lbs. per head daily.

Ask your Purina dealer about his Free Pig Weighing Service. We invite you to see for yourself, right on your own place, what Purina can do. We don't want to tell you . . . we want to *show* you. So see your Purina dealer and make a pig-weighing date . . . TODAY!

Right now pigs are growing in many Purina dealers' stores! They're raising these pigs so you can see for yourself how quickly and economically pigs gain and grow on Purina Baby Pig Chow and Purina Pig Startena—the "Fast-Start" twins. Purina Baby Pig Chow and Purina Pig Startena are better than ever in 1956, due to an important formula change.

Purina's new Liquid Pig Wormer makes the job easier than ever before

Easy as pie! That's what they're saying about the new Purina Liquid Pig Wormer. You just add it to pigs' drinking water . . . and that's all there is to worming! No change in feed. No catching or starving. It's low in cost, too. Remember that this dependable new liquid product is *concentrated* . . . takes only one ounce to worm a 45- to 90-lb. pig. Purina Research recommends Liquid Pig Wormer because it does *a better worming job than any other product ever tested by Purina.* So about 2 weeks after weaning, or when they weigh 45 to 90 lbs., plan to worm your pigs with New Purina Liquid Pig Wormer.

See
GRAND OLE OPRY
on television!

Tune in on Rural America's most popular country spectacular, Purina's Grand Ole Opry. With

- ✓ Carl Smith
- ✓ June Carter
- ✓ Jimmy Dickens
- ✓ Rod Brasfield
- ✓ George Morgan

All these great stars . . . plus many others that regularly appear on the Opry. And as a special treat, watch soon for guest star **JAYE P. MORGAN!**

Purina Folks Are Home Folks

In IOWA there are 2 Purina mills, located at Iowa Falls and Davenport. These mills employ 297 people. There are 259 Purina dealers who operate their business in the area, and 24 Purina sales representatives make Iowa their home.

PURINA CHOWS

SERVING ANIMAL AGRICULTURE

Big Power...

the work capacity of a 6 ton crawler combines with the Sheppard 10 speed transmission to cut time on heavy work in half . . . double the work output of labor.

does any job...

clean, compact design plus Sheppard High Ratio Power Steering makes the SD-4 highly maneuverable, trigger fast to respond on planting, cultivating and other medium power work.

at low cost...

22 to 1 compression ratio teams with Sheppard simplified fuel injection to provide operating economy that completely eliminates the need for keeping a small tractor to do light work.

Mail Coupon Today . . . Get The Complete SD-4 Story

FIRST wheel tractor with Torque Converter*

Here's the greatest advance in farm power since the first Sheppard Diesel. The Sheppard SD-4 with TC automatically converts ground speed to pulling power as needed. No engine stalling, 90% less gear shifting, low ½ m.p.h. ground speeds. Check coupon for details.

* Optional at extra cost

SHEPPARD DIESELS • Hanover, Pa.

Send me literature on the Sheppard Diesel SD-4 ☐ with Torque Converter ☐

Name _____

P. O. _____

R. F. D. _____ State _____

I farm _____ acres. I am a student _____.

See the display of Sheppard Tractors and Implements at the New Sheppard Branch, 425 Fourth St., W., Milan, Ill.

Riverdale LINDANE

FOR THE BEST SEED TREATMENT

Give your crops the protection they need—at the time they need it most—during germination.

It costs less than 10c an acre to use Riverdale Lindane and it's the best insurance you can buy.

Riverdale Lindane can increase crop yields as much as 25% by effective control of soil insects.

Don't wait 'til wire worms, corn maggots or other soil borne insects strike.

Insist on Riverdale Lindane. If your dealer cannot supply you, have him write us.

Riverdale Lindane comes packed in convenient one pound tins with handy dispenser.

Riverdale CHEMICAL CO.
CHICAGO HEIGHTS, ILLINOIS

Complete line of weed killers and insecticides.

RIVERDALE CHEMICAL COMPANY, CHICAGO HEIGHTS, ILL.

Please send name of your nearest distributor.

Name _____

Address _____

Town _____ State _____

"I got some increase in yield. But I'll use less fertilizer in 1956 because there'll be extra carryover in the soil after last year's dry weather," says Ray Creelman of Des Moines county, Iowa.

Corn fertilizer paid off

MANY farmers have just come thru a second year of drouth. And just as in 1954, results from fertilizer were spotty.

Again, weather made the big difference in determining the amount of response.

In late 1954, the Wallace-Homestead Poll asked Iowa farmers this question: "How did fertilizer do on your corn this year?"

The same question was asked later about 1955 results.

Here is how the answers compared:

	1955	1954
Didn't use any	34%	37%
Reduced yields	2	2
Some increase	39	44
Big increase	11	8
Couldn't see any effect	14	9

Difference between results for the two years was quite small. But the important thing is this: A dry spell hasn't discouraged folks from using fertilizer.

"I got some increase in spite of dry weather," said an Ida county man.

Tho he was in a drouth area, a Decatur county farmer said, "Fertilizer did an excellent job for me. It really boosted my crop yields."

Results from a second question were solid proof that farm folks are sticking with fertilizer.

Here is the way answers added up to this question: "How much fertilizer do you plan to apply for next year's crop?"

	1955	1954
None	29%	39%
More than last year	12	18
Less than last year	7	5
Same as last year	52	38

That fits well with sound farm management. There aren't many places where you can cut out fertilizer without also shorting yourself on possible profits.

Proper fertilizer use helps crops make more efficient use of moisture that is available. However, some farmers will do well to key the amount of fertilizer they use to the amount of moisture in the soil.

A Plymouth county man said, "I'd like to use more fertilizer in 1956. But only if we get plenty of rain. I'm going to wait a while yet before I decide."

The Wallace-Homestead Poll went on to ask: "Did you spread any fertilizer in the fall for 1956 crops?"

Results were just like those to the same question a year earlier.

Yes	12%
No	88

One interesting thing did show up. Sixteen percent of the young farmers (20 to 34 years old) used fall fertilizer. But only nine percent of group aged 50 and over said "Yes."

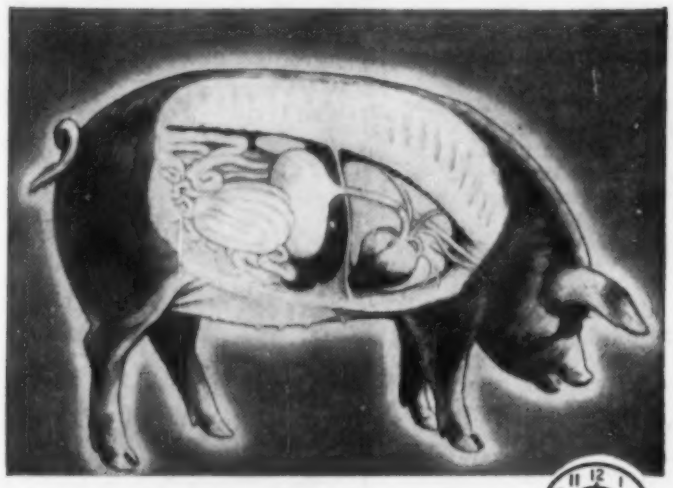
Now, what about spreading fertilizer?

Almost two out of every three fertilizer users said they spread some fertilizer themselves. The other one-third hired the work done. Of course, some use a combination of both methods.

"Fertility level of this farm is high. So fertilizer gave only a moderate increase in yield. I'll use the same amount in 1956," says Robert Stevens of Wright county, Iowa.

Amazing MYZON Helps STOP PIG SETBACKS

DUE TO SCOURS, NECRO, DIARRHEA, BACTERIAL PNEUMONIA, NUTRITIONAL ANEMIA, SHIPPING FEVER



Goes to Work in Minutes in Sick Pigs to Stop Scours, Necro, Diarrhea Faster.

Keeps Pigs Gaining Weight. Fights Bacterial Pneumonia, Nutritional Anemia, Shipping Fever. Gets Slow-Doing Hogs Gaining Faster Again.

MYZON SWINE BUILDER . . . just released from the laboratory after many months of patient testing . . . not only STOPS INFECTIOUS SCOURS, NECRO, faster but more important . . . keeps pigs gaining weight. This wonder-working discovery fights off Bacterial Pneumonia, and Shipping Fever to get results in less time than you dreamed possible. Yes, MYZON scientists have finally achieved their goal: — a sensational formulation of powerful antibiotic and vitamins that gets double-action: — for MYZON SWINE BUILDER stops SCOURS, NECRO faster than you can imagine — but most important, it keeps pigs gaining weight fast. So it's easy to see why MYZON SWINE BUILDER, wherever it's been introduced is being hailed by pig raisers as the answer to the knotty problem of SCOURS, NECRO, BACTERIAL PNEUMONIA, SHIPPING FEVER, DIARRHEA, NUTRITIONAL ANEMIA. Remember that scours is often a danger sign of the approach of other diseases. It is important that animals be treated at the first sign of loose bowels, failure to eat or drink, dullness and other symptoms common to these diseases. KEEP MYZON SWINE BUILDER ON HAND, READY FOR EMERGENCIES! GET IT TODAY — FROM YOUR FAVORITE DEALER!

Gets Slow-Doing Hogs Gaining Faster Again!

There's nothing more discouraging than having 4 or 5 hogs out of your herd that just seem to stand around doing nothing. They're not sick, yet they don't gain an ounce. In fact, sometimes they seem to be going backward.

Imagine then getting these backward hogs gaining weight faster—PRACTICALLY OVERNIGHT . . . and so easy, it's amazing.

QUICK RESULTS OR MONEY BACK

All you do is give these poor-doing hogs famous, tested MYZON SWINE BUILDER in their drinking water. YOU DON'T CHANGE YOUR FEEDING PROGRAM! You'll see the amazing results. Yes, in a few days your slow-doing hogs will show a complete reversal of form—you'll find them more vigorous, drinking more water, putting on weight. Yes, if the very first can of MYZON doesn't do more than promised, return for money back! At good dealers everywhere.

Great New MYZON Formula In Drinking Water Gets Pigs "Going Again"...Gaining Again!

No matter how carefully you study about new products—no matter how many farm journals you read every month, you've never heard about anything like sensational MYZON SWINE BUILDER. For MYZON is entirely different from anything you've ever seen! NOT MERELY A SCOUR MEDICINE that may leave hogs too weak to start gaining again. Instead, MYZON gives your pigs the strength and resistance they need to help keep scours from coming back. Yes, MYZON SWINE BUILDER has the power to stop scours, also known as Vibrio Dysentery, Necro, Necrotic Enteritis, Salmonella Infections, Black Scours, Bloody Diarrhea, Bloody Dysentery, Bacillary Infections associated with Virus Diseases. MYZON'S powerful formula of antibiotic and vitamins (exclusive in MYZON) goes right to the intestinal tract—and once there takes charge of these disease germs quickly! Where else do you get the promise of MYZON'S amazing double-action that can STOP SCOURS, DIARRHEA faster . . . fights off BACTERIAL PNEUMONIA (BRONCHITIS, PLEURISY), SHIPPING FEVER, NUTRITIONAL ANEMIA—AND GIVES YOUR HOGS THE RESISTANCE THEY NEED TO HELP KEEP SCOURS FROM COMING BACK! And here's the most important part! Best of all, MYZON SWINE BUILDER not only stops scours — but keeps pigs gaining weight. And don't forget this, MYZON is highly recommended because it is so safe to use. When administered as directed, it is practically free from irritation and undesirable side-reactions. So find out! Ask your dealer for MYZON SWINE BUILDER, today!

Not Merely a Scour Medicine, MYZON Gives Pigs the Strength and Resistance to Help Keep Scours from Coming Back!

YOU DON'T CHANGE FEEDING PROGRAM

Costs So Little It's Wonderful

Since MYZON SWINE BUILDER comes to you in such a highly concentrated form, only a little goes a long, long way. Water-dispersible—you simply put it in the drinking water. YOU DON'T CHANGE YOUR FEEDING PROGRAM. There's all the directions you need! And when you remember that MYZON SWINE BUILDER is putting pound after pound of profitable pork on your pigs after taking charge of these disease germs, you'll realize how really inexpensive it is! Get MYZON today!

Saves More Pigs Per Litter

Reports from a leading University Experimental Farm — using antibiotics—reveal that the number of pigs saved per litter increased from about 7.5 to over 12.

NOW FOR THE FIRST TIME

A Way to Keep Even Sickest Pigs Eating and Gaining Right Through Damp, Changing Weather

In the past, hogs were so affected by scours, that they often lost weight and barely ate enough to stay alive. BUT NOT WITH NEW MYZON SWINE BUILDER! MYZON'S high potency antibiotic and vitamins quickly get to the cause of trouble in the stomach and intestines. Pigs that might have lost weight and even died, come back faster, eating and gaining their way to earlier markets.

UNIVERSITY TESTS PROVE MYZON'S

Potent Ingredients in Water Go to Work in Hog's System 2 to 3 Times Faster

All of us will agree that the faster a treatment gets into the system, the better the results. Sometimes it can mean the difference between live and dead hogs—between handsome profits and heartbreaking losses. Leading university tests proved that the ingredients in MYZON mixed in drinking water start working right away to quickly help clear up these attacks, and to keep pigs and hogs gaining weight—to keep them putting on weight after combatting disease germs of bacterial pneumonia, (bronchitis, pleurisy), shipping fever! So take advantage of science's latest discoveries! Get MYZON SWINE BUILDER, today!

BRAND NEW, Yet Tests on Farms Showed These Amazing Results

No More Signs of Scours, Thanks to Swine Builder

"In regard to your Swine Builder, I had scours in my pigs. I went and got Swine Builder and it sure did a wonderful job, no more signs of scours, thanks to Swine Builder. I highly recommend Swine Builder."
A. E. Dutt
Iowa Falls, Iowa

Scours Stopped in Two Days

"My pigs weighed about 30 lbs. and had scours. I fed Myzon Swine Builder for four days. The scours seemed to be stopped at the end of two days. At the end of the four day period these pigs were eating good and healthy again. Myzon not only stopped the scours but it got these pigs eating and gaining more again in short order."
Harry Mayer
Humboldt, Nebraska

Although individual experience may vary, You Must Be 100% Satisfied with Your Very First Can of Myzon Swine Builder or Your Money Refunded.

HELPS GET YOUR PIGS THROUGH PERIODS OF STRESS AT VACCINATION, WEANING, CASTRATION, AND WORMING...

SEE YOUR LOCAL DEALER ABOUT

NEW MYZON SWINE BUILDER

MYZON POULTRY BUILDER IN DRINKING WATER HELPS

STOP LAYING SLUMPS!

In Birds Off-Feed with Colds, Sniffing, due to Chronic Respiratory Disease (Air-Sac), Non-Specific Enteritis, Blue Comb, Rickets

Science says that many LAYING SLUMPS are due to Chronic Respiratory Diseases brought on by damp, changing weather conditions. But now—with amazing new MYZON POULTRY BUILDER—and for only a few cents a bird per month—you can help get those many extra eggs that are lost to bronchial troubles associated with Respiratory Disease, and diseases of the digestive system.

SO EASY! SO ECONOMICAL! YOU DON'T CHANGE FEED

MYZON POULTRY BUILDER comes to you in highly concentrated form. Water-dispersible, you simply put it in the drinking water. NO FUSS! NO BOTHER! Like humans, most birds stop eating when sick and feverish looking, but they actually DRINK MORE than usual. Thus quickly getting plenty of MYZON'S exclusive high-potency formula with BQ-14 right where it's needed to take charge of these disease germs to help strengthen birds . . . hurry them back to higher egg production. MYZON POULTRY BUILDER goes to work in minutes. Keep on hand ready for emergencies . . . ready for these LAYING SLUMPS. Use at first sign of trouble. Get MYZON POULTRY BUILDER from your dealer today.

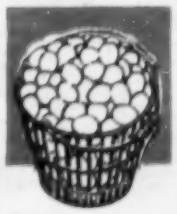
READ WHAT THESE GRATEFUL USERS SAY ABOUT MYZON POULTRY BUILDER

PRODUCTION JUMPS 80 EGGS A DAY

"I am greatly pleased with the results I got with Myzon Poultry Builder. My 240 Pullets were listless and off feed and were laying 100 eggs a day. After feeding Myzon for 10 days they were up to 180 eggs a day. I've never had results like this with any other product."
Mrs. Vincent Schmiesing
Sauk Center, Minnesota

UPS EGGS FROM 120 TO 170 PER DAY

"I am writing to tell you how good your Myzon Poultry Builder really is. We have about 220 chickens and up to three weeks ago they were only laying about 120 eggs a day. About 5 days after I started feeding Myzon they started picking up and now average 170 a day and are still increasing. My hens have had no colds since I started using Myzon."
Tommy P. Klein
Granville, Iowa



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CORNLAND

Granulated Fertilizers with aldrin

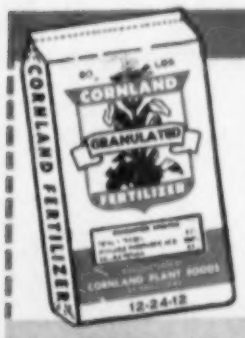
For 5 Straight Years, the Largest Selling Fertilizer-Insecticide Mix in Iowa!

Cornland Granulated Fertilizer with the famous aldrin insecticide — the first choice of Iowa farmers for five straight years! This is **the proved fertilizer-insecticide mix** you can rely on for healthier plants, heavier yields — and higher profits! The free-flowing granules in Cornland Fertilizer are the very highest in quality. Not only are they uniform in size but also uniform in plant food content . . . each small granule contains the correct amount of plant food elements recommended for your soil. **No "streaking!"**

With aldrin added to your Cornland Fertilizer at any rate you desire, you can protect your crops from soil insects for a full season while you fertilize. By applying both at the same time, you also **save up to $2.00 or more per acre.** This year, more than ever before, you need Cornland Granulated Fertilizer with aldrin. **Twenty granular analyses**—all available with aldrin—to correct any soil deficiency! **But order now!** Each year the demand for Cornland far exceeds the supply. See your Cornland Dealer today or mail the coupon.

FREE! **New booklet, with actual color photos showing hunger signs in crops. Filled with vital fertilizer information! Mail coupon today for your copy and the name of your nearest Cornland Dealer. Dealer inquiries invited.**

Cornland Granulated Fertilizers Are Made in Iowa By Iowans!



MAIL COUPON TODAY!

CORNLAND PLANT FOODS, Dept. 141, Grinnell, Iowa
Rush me free booklet and name of my Cornland Dealer.

Name .....

Post Office .....

RFD..... State.....

☐ Check here if this is a dealer inquiry.

CORNLAND PLANT FOODS, Grinnell, Iowa

The Most Complete Fertilizer Service In The Land of Corn!

Rural Route Ramblings

BY R. F. D.

THE MONTH of March has always been and doubtless always will be a very trying one for me. Each night I am afraid that the next day will be one of those nice March ones which give irritatingly ambitious people an excuse to rake and scratch and do all sorts of tiring things.

I ALWAYS think I have the spades and rakes and hoes hidden in hard to find places. And then I shall creak down to the basement to fix the fire and there all the little dears will be, shining and straight in a row arranged by my wife's loving hands. What a detective!

THIS IS the first of a series of little hints, culminating in "Why don't you get your lazy self outdoors and do something!"

HOWEVER, between my stern resistance and the fact that March doesn't show up with too many good days generally puts off everything until April.

IN EARLY APRIL, I try to interest the boys in a little spade work. I base this on the fact that they dug a pit eight feet square and four feet deep in the city park adjoining our house.

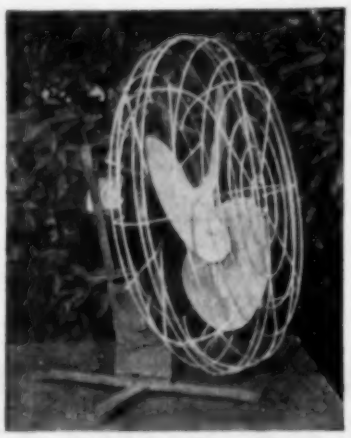
THE PROJECT still might be underway, but they were stopped by local authorities.

BUT DO YOU think such terrific spading energies can be diverted to the comparatively small project of digging, say six inches deep? If you do, you don't know boys.

I IMAGINE that, as usual, about the middle or latter part of April, I will hie forth and plant all sorts of things which won't grow.

AND, as usual, we will have a late frost.

OR no rain.



Big fan on the Clifford Cruzen farm in Mahaska county, Iowa, gets a lot of use during warm weather. Cruzen welded on a heavy tilting stand, a base for the motor and a handle. It can be used in the house, or in farm buildings for the comfort of livestock.

...with powerful T-H aldrin

Effective! Easy to Use!

NOW— *Costs Less per Acre!*

Protect your corn profits with Thompson - Hayward ALDRIN! It guards tender young corn roots against all destructive sub-surface pests. Now T-H ALDRIN is available in two effective formulations—WE-25 (2 lbs. aldrin per gal.) and the new special WE-40, that makes application of aldrin even cheaper per acre.

T-H ALDRIN controls the soil insects that stunt plant growth and weaken root structure. For only a few cents per acre, T-H ALDRIN assures sturdier stands and many more bushels of high quality corn. It effectively destroys corn rootworms, wireworms, white grubs, seed corn maggots, beetles and cutworms.

How T-H aldrin Keeps Costs Down ...Profits Up!

INCREASES YIELD

ALDRIN-treated corn has tripled the yield of untreated corn in the same field TH-ALDRIN prevents lodging . . . roots are free to develop and anchor themselves into soil. Assures healthy, early stand—no blown-down corn . . . no replanting . . . earlier harvest.

POWERFUL

Only a small dose is required. Kills all soil insects that touch, breathe or eat it.

ECONOMICAL

For less than the cost of one bushel of corn, you can treat an entire acre!

EASY-TO-USE

As a spray or fertilizer mix. Apply it broadcast or in the row.

Get T-H aldrin at your Dealer's today

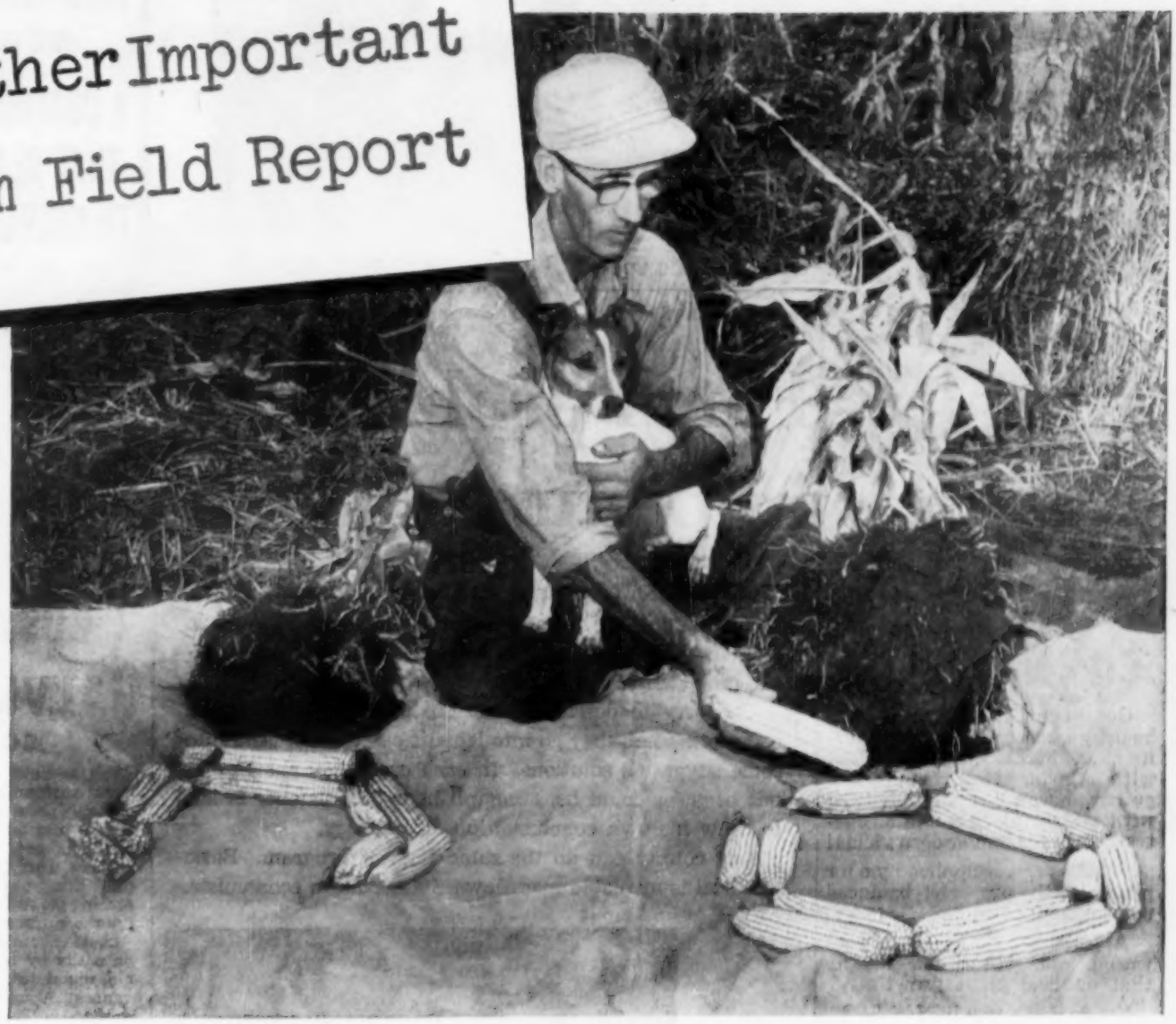
Or write to Thompson-Hayward Chemical Co., 2915 Southwest Blvd., Kansas City 8, Mo.

T-H aldrin

A THOMPSON-HAYWARD "FARM-TESTED" Pesticide

SHELL CHEMICAL

Another Important Farm Field Report



Since 1948, aldrin has protected millions of acres of farmland . . . here again, aldrin makes the difference.

aldrin—treated field yields 60% more corn per acre than the untreated field

Mr. Elbert Dennis, Webster City, Iowa, has this to say about aldrin: "Shucked ears from both fields showed the difference . . . there were better-filled, more uniform ears in my aldrin-treated corn. The aldrin-treated corn showed an increase of better than 60% over the untreated."

It was a bad drouth year for the area—but on the farm of Elbert Dennis, Webster City, Iowa, powerful aldrin once again proved its effectiveness for controlling the soil insects that attack corn roots. Protected against the ravages of these pests—rootworms, wireworms, white grubs, and others—plants developed healthy root systems. Corn yields increased 60% over the untreated fields.

You, too, can increase yields and stop corn lodging by using aldrin for soil insect control. A few ounces of actual aldrin per acre are all you need to protect your corn against soil insects. Aldrin is easy to apply . . . available in spray, granules, or fertilizer mixes. You can broadcast aldrin or apply it as a row or band treatment.

• • •

Aldrin is available under well-known brand names from your insecticide or fertilizer dealer. He'll be glad to supply you with further information on aldrin and its application.

SHELL CHEMICAL CORPORATION
AGRICULTURAL CHEMICALS SALES DIVISION
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SHELL

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Get your corn off to a fast, healthy start with Iowa's favorite . . . FELCO FERTILIZER with Aldrin. Now teamed together, here's the way FELCO with Aldrin gives you the one-two punch for bigger corn yields!

FELCO . . . Supplies your plants with properly balanced nourishment.

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AVAILABLE IN THESE GRADES

NIT.	A.P.A.	POT.
16	20	0
15	30	0
15	15	0
14	14	14
10	20	10
10	10	10
10	20	0
8	32	0
5	20	20
5	20	10

Felco belongs to you and more than 130,000 other Iowa farmers. Order Felco today from your local Farmer's Cooperative, or contact FELCO.

DO BUSINESS WITH YOURSELF

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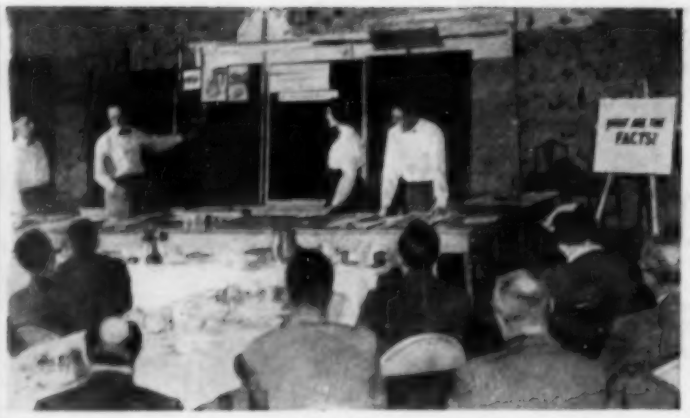
YOUR LOCAL COOPERATIVE



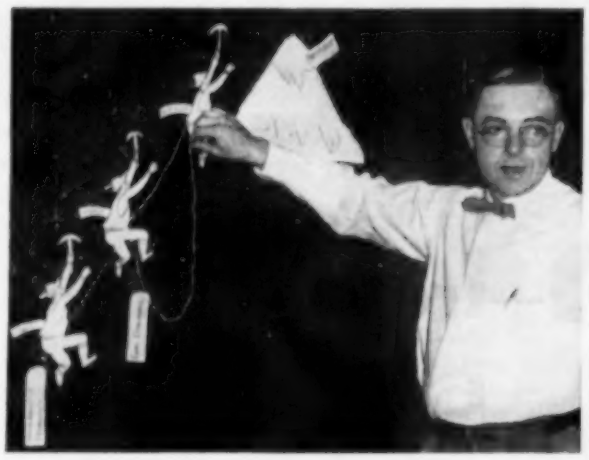
What are the facts? Franklin county, Iowa, extension workers outline the farm problem with the help of graphs, charts and illustrations.

Farm problem in pictures

THE COUNTY extension staff in Franklin county, Iowa, is tackling the farm problem a new way. They have worked up a presentation of facts—minus the usual political propaganda.

They try to describe what the problem is and what caused it. Then they go into what is being done. And into some suggested solutions. In each case, they show what has been, or could be, accomplished. The listener is left to draw his own conclusion on farm policy.

Any county can do the same kind of program. Basic material is available from Iowa State College economists.



The farmer is lagging behind. County extension director Eber Eldredge uses this illustration to show what is happening. Then he explains some of the reasons why.

Exports. Will they solve the problem? "No," says youth assistant Carl Rehder. He illustrates that recent increases in exports are not an answer to our present over-production.

Field-Tested for years ...and now available

A COATING IN COLORS THAT REALLY STICKS TO GALVANIZED METAL

RUST-OLEUM®

GALVINOLEUM

COATINGS

Look around! How many galvanized metal surfaces do you have? Now you can give them colorful beauty and protection that lasts and lasts—and do the job right over new Galvanized Metal without worrying about "paint flaking off." Yes, you can do the job *without* etching the surface and *without* weathering the surface, too!

Rust-Oleum *Galvinoleum* coatings go on easily by brush or spray over new, old, unpainted, or partially rusted Galvanized, Aluminum, and Terne Plate—*and it really sticks!* Four attractive colors are available—RED, GRAY, GREEN, AND METALLIC!

Give your Galvanized and Aluminum roofs, sheds, silos, ventilators, etc., new life. Ask your implement dealer for Rust-Oleum *Galvinoleum* coatings, or send coupon below for your test sample. Please enclose 35¢ (coins or stamps) to cover cost of postage and handling.

SEND COUPON FOR TEST SAMPLE

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Enclosed please find 35¢ (coins or stamps) to cover postage and handling for one test sample of Rust-Oleum Galvinoleum coating in the color checked.

☐ RED ☐ GRAY ☐ GREEN ☐ METALLIC
(If surface is partially-rusted galvanized metal, specify RED)

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YOU PLANT SUCCESSFUL CORN WHEN YOU plant CROW'S HYBRIDS

CUT YOURSELF A BIG SLICE OF CORN PROFITS

You make big corn yields per acre when you plant CROW'S Hybrids in soil that's treated according to CROW'S recommendations.

Roots grow deep and spread out with countless feeders to develop strong, sturdy stalks.

Your soil becomes a rich reservoir for plant foods and moisture—loose and roomy for full root growth.

Your corn grows with a heavy population of plants—kept on full feed all through the growing season to mature big harvest per acre. CROW'S Hybrids and soil treatment recommendations can help you grow 100 bushel corn.

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Let him tell you how CROW'S service provides soil analysis and plant food recommendations without extra cost when you plant CROW'S Hybrids.

CROW'S Film Coat protection saves corn in cold, damp soil; assures full stand—strong, healthy plants.

"153 Bu. Yields"

"Have planted CROW'S corn for 10 years—followed CROW'S program last year—made 153 bu. per acre."

Elmer Ehrodt, Elizabeth, Illinois

"118 Bu. Yields"

"Have planted CROW'S corn for 10 years—always good yields—118 bushels per acre last year."

Roy Plapp, Maple Park, Illinois

"Average 100 Bushel"

"Our corn has averaged 100 bushel or more per acre with CROW'S Hybrids—excellent quality."

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"CROW'S good root systems save corn in dry season. Had big yield per acre last year."

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"HOW TO AVERAGE 100 BUSHEL CORN"

Gives suggestions on building soil tilth—preparing seed beds—making soil store water—applying fertilizer—growing heavier stands—and other information to help you grow more profitable corn.

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Dept. W

Send FREE Copy "HOW TO AVERAGE 100 BUSHEL CORN"
Also FREE catalogue CROW'S Regular and Premium Hybrids

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For Effective, Low Cost GRANULAR INSECTICIDE APPLICATION

Insist on "AugerMeter FEED"

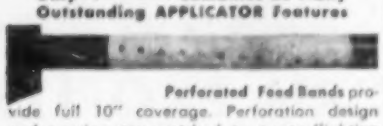
A Feature of COMFORT GRANULAR APPLICATOR

Pat. Pend.

The COMFORT "AugerMeter Feed" is a special metering mechanism which assures correct unvarying application.

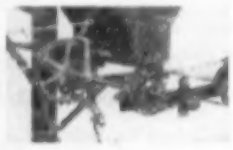
Here is how the COMFORT "AugerMeter Feed" works: As the auger rotates it feeds the granules from the bottom of the hopper to each feed band—meters and forces the granules through the feed bands at a constant rate and in unvarying amounts the full width of the bands.

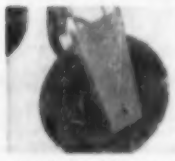
Only COMFORT Combines So Many Outstanding APPLICATOR Features



Perforated Feed Bands provide full 10" coverage. Perforation design and spacing are matched to auger flighting for accurate metering of granules. Each band is equipped with wind and rain shield to protect granules against moisture and drift.

Lever Action Clutch permits turning granule flow off and on from tractor seat.





Anti-Foul Chain Guard protects chain and lower sprocket from fouling in weeds, corn, etc.

Sturdy Steel Hoppers each hold 2 cu. ft. of granules and are equipped with rubber gaskets to prevent leakage at auger tube. Outlet to auger has safety screen.

Model A-410 Now available less tires

The COMFORT 4-Row Granular Insecticide Trailer Applicator is adjustable in dispensing height from 38 in. to 66 in.

High Clearance Truss-Bridge Trailer Construction. 4¾ ft. high tubular steel and angle iron construction provides the strength to eliminate twisting due to torque.

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Omaha, Nebraska

Packing is the key to keeping good oat silage. The hollow stems require extra packing to exclude air. Shown is Albert Kramer of Kossuth county, Iowa.

More profit from oats

Last year many farmers tried oat silage for the first time. Here's how they liked it

WHEN drouth dried up seedings, many farmers were forced to try oat silage last year.

The oat silage plugged the gap in forage supply quite well. At least, many of the farmers who tried it are planning to make oat silage again this year. And some of their neighbors are going to give it a try for the first time.

Anthony Kyle of Sac county, Iowa, cut 13 acres of oats for silage last year. He fed it to dairy cattle.

"They liked it better than clover silage," Kyle claims.

Lawrence Rupp of Cherokee county, Iowa, put up six acres of oat silage for his dairy herd.

His conclusion: "Oat silage is great for dairy cows." And he plans to back up his opinion with action. This year, one entire silo will be filled with oats.

Why do folks like oat silage?

Clement Butcher of Ida county, Iowa, has one answer—more profit from the oat crop.

He figured this way: Each acre of oats made about seven tons of silage. That produced about 466 pounds of beef. At 20 cents a pound, that made a return of $93.20 per acre.

How many folks harvesting oats for grain did as well?

Butcher's figuring seems in line—or even conservative—compared to University of Illinois results. Tests there showed oats harvested as silage gave over twice the return of oats left for grain.

Butcher also feels that oat silage is good drouth insurance. Oats take less moisture than corn. And they use moisture early in the year when drouth seldom occurs.

Robert Irwin of Sac county, Iowa, lists another important advantage for oat silage.

He says, "Getting the oats off early probably saved my legume stand last year. Otherwise, I don't think the seeding would have made it thru the dry weather."

"Cutting the oats early should favor the seeding almost every year, dry weather or not," he adds.

Harold Parker of Ida county, Iowa, agrees. And after last year, he's sold on getting crops harvested early. He put up 30 acres of oats for silage. Then hail ruined the rest of his oat crop before it could be combined.

Wayne and Bruce Bennett, also of Ida county, put up about 60 acres of oats for silage. This year, they plan to use some wheat or barley in an effort to get still better silage.

Orrie Irwin of Sac county, Iowa, had a similar idea. He's been using oat silage for several years. But this year, he plans to try barley. He hopes for higher feed value than with oats. And he figures barley will still make a good nurse crop for legumes.

Oats have made good silage for most farmers. Protein content is usually a little higher than in corn silage. But still less than in good grass-legume silage.

Energy value of the oats silage is a little under that of corn silage. But well above silage made from a grass-legume mixture.

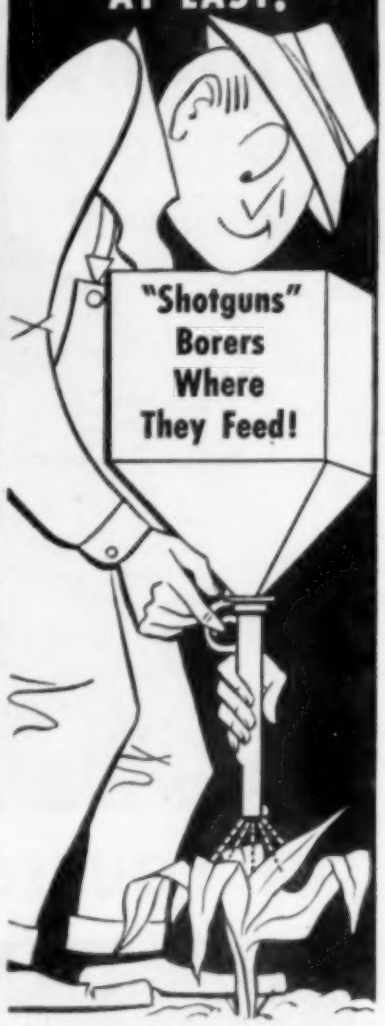
Folks who have made oat silage find one major problem. That's in packing the oat silage well enough. Oat stems are hollow. So a short cut and extra packing are required. Otherwise, too much air is left in the silage and it fails to keep well.

With a little extra care, this problem is overcome. And few folks had excess spoilage.

Oat silage looks like a good bet anytime you need extra roughage.

Most of the folks who tried oat silage like it. So maybe you'll want to take another look at your own oat crop.

PRACTICAL CORN BORER CONTROL AT LAST!



NOBLE APPLICATOR
For Granular DDT

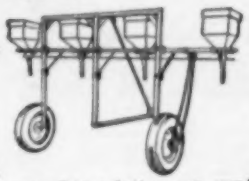
The new NOBLE Granular DDT Applicator now does what you've been praying for, ever since the borer menace started. It "pin-points" the DDT, in the new granular form, right in the corn whorls where they gather. The kill is practically 100%.

The Noble DDT Applicator is no "converted" unit. It is especially designed. With it, you can kill borers without worry about timing. Weather is not a factor. Even 20-mile winds don't wreck its efficiency. It is not a spray. There's no mixing, no water to haul.

And the Noble Granular DDT Applicator is proved. Tests last year on 4,000 acres of badly infested corn set new records for (1) high borer kill, (2) speed and ease of application, (3) low cost of kill, (4) hign use of DDT with minimum of waste and loss.

Two Models Now Ready: 4-row pull-type model to be used behind all makes of tractors, and 6-row type that adapts to most high-clearance sprayers and detasselers.

WRITE TODAY!



Get complete literature about this great new machine and the name of your dealer. Find out how lower cost, greater ease can pay off in a better corn crop!

Noble Manufacturing Co.
Dept. 4, Sac City, Iowa

For good corn borer control...

MACKWIN
TRADEMARK REG.
Agricultural
CHEMICALS

MACKODEE

G-20

another Mackwin 1ST!

GRANULES

TRADE MARK PATENT APPLIED FOR

CONTAIN 5% DDT

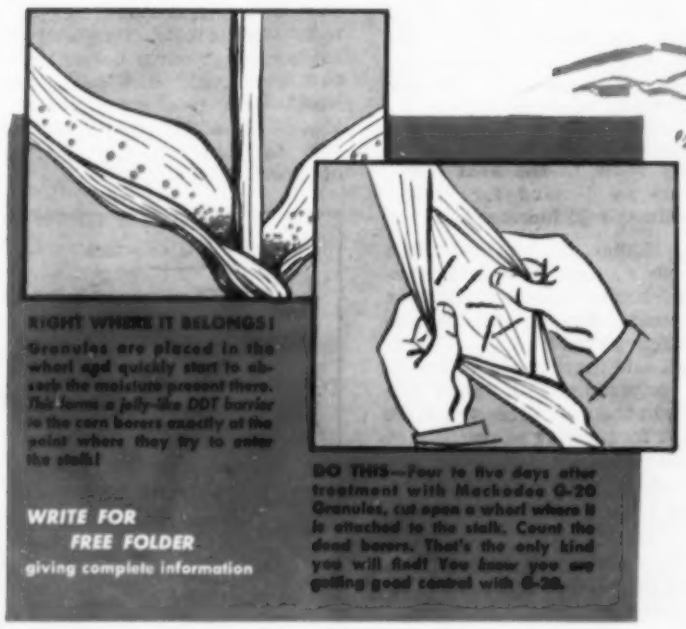
Now, with Mackodee G-20 Granules you can get *good* corn borer control by putting the DDT *right where it is most effective* . . . in the leaf whorl where borers attempt to enter the stalk!

Mackwin's exclusive manner of coating the tiny pellets or carriers of the DDT assures uniform application. *And G-20 Granules have been field tested for three full growing seasons!*

During the *third* year of testing, 1955, test plots in the corn belt states totaled more than 35,000 acres! There was not a single instance of burn or damage to corn treated!! In every test plot, unusually good control was obtained... often as much as 98% kill! This field testing program was carried out with the cooperation of state, federal, and college experiment stations and well known hybrid seed corn growers!

Mackodee G-20 Granules give *unheard of control* at low cost. They are safe, easy to use, and have small bulk. They are easily applied by machines which are designed to drop a pre-determined amount on the leaves near the stalk. The G-20 granules will roll down into the corn whorl.

Plan now to use the best . . . the proven . . . THE *ONLY* GRANULAR DDT PRODUCT WITH THREE YEARS OF FIELD RESEARCH AND TESTING . . . THE PRODUCT THAT WILL GIVE BETTER CONTROL THAN YOU HAVE EVER KNOWN! That's Mackwin's Mackodee G-20 Granules!



RIGHT WHERE IT BELONGS!
Granules are placed in the whorl and quickly start to absorb the moisture present there. *This forms a jelly-like DDT barrier* to the corn borers exactly at the point where they try to enter the stalk!

DO THIS—Four to five days after treatment with Mackodee G-20 Granules, cut open a whorl where it is attached to the stalk. Count the dead borers. That's the only kind you will find! You know you are getting good control with G-20.

WRITE FOR FREE FOLDER
giving complete information

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ALSO FREE—A 12 minute color movie showing method of application and results of 1955 field tests is available for Dealer-Grower meetings. Write for booking giving preferred date.

FEED AWAY WORMS!

New Wormer stops costly losses . . . fits right into regular feeding method

Cadmium anthranilate, a remarkable new drug found in Dr. Hess Cadmium Hog Wormer, lets you worm pigs safely and economically . . . right while you feed them. You don't have to withhold feed or change your feeding routine in any way. You simply feed a complete ration containing Dr. Hess Cadmium Hog Wormer for 3 days. Your pigs keep right on eating and right on gaining. They worm themselves while they feed themselves . . . at a cost of less than 8 cents a pig.

Because it kills the worms gradually, even beyond the treatment period, cadmium anthranilate is hard on worms but easy on pigs. Worms are passed gradually over a period of days. This removes the danger of intestinal obstructions from large masses of dead worms. There is no "shocking" of pigs, no setback to growth and gain.

Dr. Hess Cadmium Hog Wormer actually kills both adult and immature worms. This two-way protection means your pigs do better, make more efficient use of their feed and get to market faster. As few as 20 worms in a pig can cost you as much as a pound of gain every 5 days.

Give your pigs the chance to make the *most* of good feed. Order a complete ration containing Dr. Hess Cadmium Hog Wormer from your feed dealer today. You'll know it's *Dr. Hess* Cadmium Hog Wormer when you see *cadmium anthranilate* on the feed tag. If you prefer to mix your own feed, ask your feed dealer or animal health supplier for Dr. Hess Cadmium Hog Wormer in 1 or 5 pound packages.

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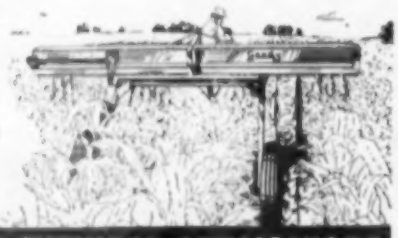
Specialists in feed medication

FIGHT CORN BORERS THIS TESTED WAY!

Gandy HI-LO APPLICATOR

- Drops insecticides into corn whorls in 15" ribbons over 4 rows.
- One application effective for weeks.
- Quickly adjusts to heights from 2½ to 5 feet.
- Sows all legume seeds.
- Tested on 35,000 acres in 5 states during '55.



Gandy DRY CHEMICAL APPLICATORS

Gandy PLANTER ATTACHMENT

- Fits all planters.
- Applies dry, granular insecticides.
- Eliminates mixing insecticides with fertilizer.
- Controls wireworms, rootworms, maggots, etc.
- Adjustable rates 8 oz. to 30 lbs. per acre.

E. S. GANDRUD CO., INC. OWATONNA 24, MINNESOTA

PIONEERS IN TESTED DRY CHEMICAL APPLICATORS—4 YEARS IN THE FIELD!

Manufacturers of Gandy Fertilizer Spreaders and Gandy Measuring Wheel

WRITE FOR COMPLETE INFORMATION AND PRICES

●Let the advertisements in Wallaces' Farmer and Iowa Homestead form your buying directory. If the articles you wish to purchase are not advertised in this paper, we will be glad to give you the names of reliable firms from which you can make your purchases.

What's ahead for farmers

Big supply makes price troubles, farmers hear at Omaha meeting for livestock men

"WHERE do we go from here?" That was the subject discussed at the National Pasture-Forage-Livestock conference at Omaha in mid-March.

Will farm prices go up? Farm costs go down? Is there any way farmers can adjust to present relationships between prices paid and prices received?

Most every farm problem was probed at the meeting either in speeches or by questions from farmers. No group conclusions were reached, however. Those were left to individuals.

"Decline of 28 percent in farm prices is the problem we face," said Raymond J. Doll of the Kansas City Reserve Bank in opening a panel discussion.

As a result, farmers' gross income dropped 10 percent and net income is down about 25 percent in the last five years, said the reserve bank economist.

Doll said the farmers' price and income drop came from the supply situation, not from the demand situation. Demand for food and fiber is the highest it ever has been.

Little sign of improved farm prices was seen in the year or two ahead. Farm production is geared high, he said.

Questions from the farmer audience followed the speech. Answers were by a panel of farmers and economists including Doll.

Question: Could farmers reduce production voluntarily and thus improve their position?

Answer: "It seems that the harder up a farmer gets, the more he will try to produce," said Julius Rohwer, banker from Crawford county, Iowa.

He said he had turned over in his mind this question of farmers controlling production themselves. He doubted they could do it. And he also doubted that farmers are ready for effective government controls.

Q. Will the non-farm economy boom in the next few years so demand for farm products will increase?

A. Francis Kutish, Iowa State College economist, said he expected business and employment to remain about steady in the next few years.

Doll said there might be inventory adjustments or small setbacks in the next three years. He looked for nothing worse.

Neither economist saw any significant improvement in demand from an economy already in high gear.

Q. What will happen to hog production and prices in the next year?

A. George Welty, Fremont county, Iowa, farmer, said he thought farmers would make only a small cut in spring pigs. And that the cut wouldn't help prices much.

Doll said he expected $10 to $12 hogs this fall when spring pigs are going to market. Kutish said he had hopes that hogs wouldn't go below $14.

Q. Can farmers compete with commercial feeders in fattening cattle?

A. Yes, said Kutish. Farmer-feeders have their own labor. They can use some cheap forage that would otherwise be wasted. Cattle feeding helps the farmer's soil fertility. "The farmer cattle feeder will survive," said the economist.

Kutish also expressed the belief that farmer hog raisers would not lose out to a broiler-type of hog raising system.

Q. Is the 160-acre farm an economic unit in present-day farming?

A. Not if you raise and sell only corn and oats, said Rowher. There must be a feeding program on such a farm if a good living is made for a family on it alone.

Q. "How can we get these farm costs down?" asked Marion Menke, farmer panel member from Dawson county, Nebraska.

A. If farm costs go down, you'd be hit harder than you are now, said Doll. That would mean readjustment and unemployment in industry. Your good demand for farm products would be lost.

It was suggested that such readjustments might mean $3 hogs rather than $10 or $12 hogs. When all prices go down, it means deflation and depression.

WITH proper supplement, silage can be fed to young calves, according to South Dakota experiment station tests. They started feeding silage when calves were two weeks old. The calves did well. Cost was comparatively low. But intake of dry matter was less than with hay, so rate of growth was slightly less.

"Now remember . . . . look both ways, then broad jump!"

Announcing

THE *NEW* JOHN DEERE *30 COMBINE*

Above is the new John Deere 30 Combine working in heavy wheat. You get plenty of capacity in this new combine for all your heaviest crops—the longest straw.

LISTEN to the steady hum of the threshing cylinder of the new 30 and you'll know that here is a combine that does a real job of threshing. As every good thresherman knows, even feeding is the big secret of best threshing. And, in the new 30 Combine, it's the combination of the 7-foot auger-type platform and the new Even-Flo Feed that keeps the cylinder humming at proper threshing speed at all times.

Crops Are Thoroughly Separated and Cleaned

Full-width, straight-through handling of straw and grain insures complete utilization of every inch of the extra-large separating and cleaning units. Over thirty square feet of separating area and over sixteen square feet of cleaning area prevent overloading—insure more and cleaner grain in the tank.

Outstanding Performance in All Crops

You will get the same exceptional performance from the new 30 in every crop, every condition. There is a quick-change cylinder speed control which lets you get exactly the proper cylinder speed for clean threshing without cracking.

90 Per Cent Separation at Cylinder

The open-bar grate in this new combine allows up to 90 per cent separation at the instant of threshing. This prevents overloading the separating unit—prevents loss of grain from improper separation. Snap-in inserts clip onto the grate to give greater threshing action for tough crops. Only in the new John Deere 30 will you find all of these crop-saving, capacity-boosting advantages.

You also get fine-line adjustments for best separating and cleaning of every crop. This means that in very fine seed crops or in heavy beans you save more—put a cleaner sample in the grain tank.

25-Bushel Grain Tank

Other features of the new 30 Combine which will pay off in faster, easier harvests are the 25-bushel grain tank which empties in a jiffy on the go or standing . . . optional wagon hitch which lets you pull a wagon with the combine . . . big tires which give maximum flotation for work in soft fields.

You'll want to see the new John Deere 30 Combine before next harvest. Your John Deere dealer will give you the full story.

SEE YOUR JOHN DEERE DEALER

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JOHN DEERE, Moline, Illinois, Dept. K-45

Please send me your free illustrated folder on the new John Deere 30 Combine.

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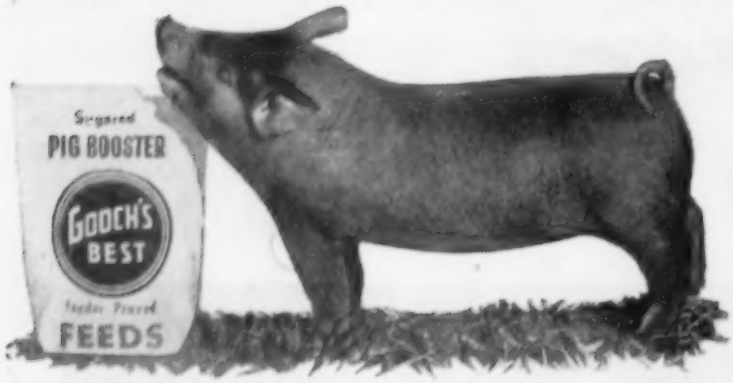
MOLINE ILLINOIS

Baby Pigs Really GO For Sweets!



NOW! Sugared INSIDE And OUT

For Even Greater Appetite Appeal

GOOCH'S BEST Sugared Pig Booster

Sugar-Coated ON THE OUTSIDE TO START 'EM FASTER

Sugar-Packed ON THE INSIDE TO KEEP 'EM GOING

Why New Improved GOOCH'S BEST Gives Faster Gains . . . at the time when pig gains Cost Least!

PURE CANE SUGAR ON THE OUTSIDE — **Starts Baby Pigs Eating Solid Food as Early as 5 Days!** "Tasty as sow's milk" to a baby pig—that's what hog raisers say about GOOCH'S BEST Sugared Pig Booster Pellets. The heavy coating of genuine cane sugar provides "appetite appeal" that attracts baby pigs and starts them on a nutritionally sound ration as early as 5 days.

PURE CANE SUGAR ON THE INSIDE — **Speeds Low-Cost Early Gains by Keeping 'Em Coming Back for More!** Now, each pellet of GOOCH'S BEST Sugared Pig Booster is sweetened through and through, tempting baby pigs to eat the entire pellet . . . get a full balanced ration that helps them gain faster. Eliminates nibbling and choosing . . . offers even greater "appetite appeal".

GROLAC AND ANTIBIOTICS — **2 High-Powered Extra Growth Boosters!** Because baby pigs start eating Sugared Pig Booster early, they get off to a faster start on growth-stimulating antibiotics (which also help protect them against scours and other infections) and Gooch's exclusive Gro-Lac, combined with essential energy, minerals and proteins.

YOUR GOOCH DEALER can supply you with the new, improved Sugared Pig Booster — the HIGH ENERGY, HIGH VITAMIN, HIGH ANTIBIOTIC Pig Starter with Unequalled Palatability.

KEEP YOUR PIGS OUT AHEAD WITH THE GOOCH "TEAM OF FEEDS"

Follow Up with These Important Growing and Finishing Feeds

- **FROM 6 WEEKS TO 75 LBS.**—Feed GOOCH'S BEST SUPER PIG SUPPLEMENT with GroLac. Combines with your farm grain (only ¾ lb. per head daily) to make a complete ration.
- **FROM 75 LBS. TO MARKET**—Feed GOOCH'S BEST SUPER "40" as a balancer for farm grain (½ to ¾ lb. per head daily). A real time and feed saver!

SPECIAL OFFER

Litter-Size CREEP FEEDER

only **$2.45**

with your first purchase of 100 lbs. or more of GOOCH'S BEST Sugared Pig Booster.

- Feeds 10 pigs to 3 weeks
- 16-Lb. Capacity
- Sturdy Galvanized Steel Construction
- Regular $3.20 Value

Helps speed pig gains by always keeping a fresh supply of Sugared Pig Booster available. Your Gooch Dealer has these sturdy litter-size creep feeders now. See him today.

GOOCH RED CIRCLES ARE VALUABLE — Collect and trade them for valuable merchandise!

GOOCH'S BEST — GOOCH RED CIRCLES ARE VALUABLE — COLLECT THEM

GOOCH FEED MILL CO.

Lincoln, Nebraska — Salina, Kansas
Council Bluffs, Iowa — Dalhart, Texas

Old dairy barn on the Horace Clark farm in Allamakee county, Iowa, was built in 1865. Entrance to milk room is beneath the approach to the main floor.

Dairy barn 91 years old

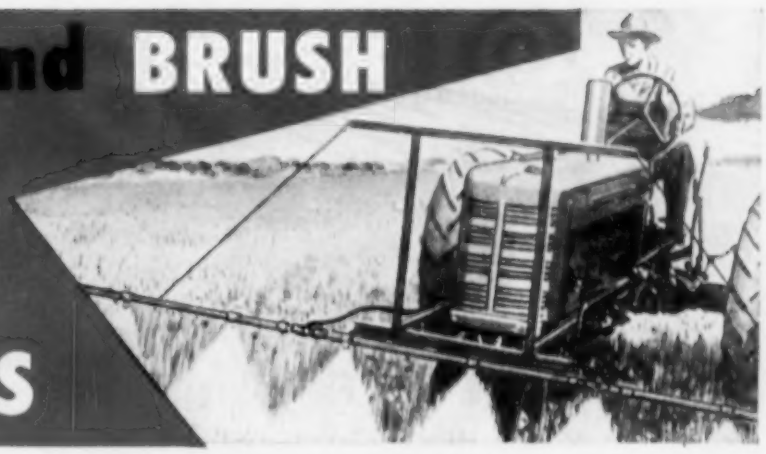
YOU see some of the old with the new when you walk into the dairy barn on the Horace Clark farm in Allamakee county, Iowa. Above you are hand-hewn timbers—put there 91 years ago. Beside you are modern steel stanchions and calf pens, automatic waterers and a labor-saving gutter cleaner.

Milk room is connected to basement by arched stone tunnel. Curtis Clark, now in partnership with his father, is pictured.

New concrete floor, steel stanchions and drinking cups were installed last year.

Maternity pen and calf pens, also of steel, gave the interior of the old barn a new look. A modern gutter cleaner also was installed. The Clarks milk 50 cows.

Get rid of WEEDS and BRUSH *the easy way* with STANDARD SPRAYS



Select the right spray for your needs from Standard's complete line

It's *easy* to kill profit-stealing weeds and brush—just spray 'em away with STANDARD Sprays! Developed and backed by years of Standard Oil research, these sprays are *sure, safe* and *economical*—easy to mix and use. On-farm tests prove that you will get positive control at the lowest possible cost.

STANDARD 2,4-D Weed Killers

Three types:

No. 2 Amine Concentrate (4 lbs. of 2,4-D per gallon). Mixes easily with water—controls broad-leafed weeds in small grain crops, corn, pastures and lawns. 1-gallon and 5-gallon cans and 30-gallon drums.

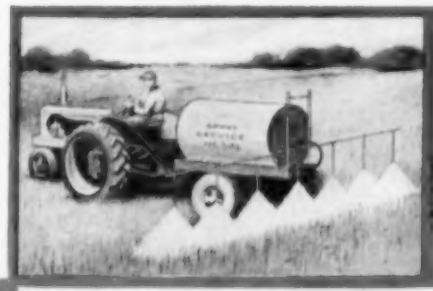
No. 5 Mixed Ester Concentrate (4 lbs. of 2,4-D per gallon). Mixes with either water or oil—controls most broad-leafed annual weeds as well as herbaceous and woody perennial weeds. 1-gallon and 5-gallon cans and 30-gallon drums.

No. 3-E Mixed Ester Concentrate (6 lbs. of 2,4-D per gallon). Mixes with water or oil—primarily designed for airplane spraying. 30-gallon drums, only.

STANDARD Brush Killer

Contains the low volatile esters of both 2,4-D and 2,4,5-T. Can be used at any time of year. For dormant spraying—mix with oil. For foliage—mix with water. Will not harm farm animals or desirable grasses. 1-gallon and 5-gallon cans and 30-gallon drums.

Get STANDARD SPRAYS from



Custom Sprayers
If you have your fields sprayed by a custom sprayer, ask him to use STANDARD Sprays. You'll get a better job for your money.

Farm Supply Stores
Buy your sprays in town? Your favorite dealer can supply you with STANDARD Sprays. Ask for them.

Standard Oil Agents
Have them delivered to your farm. Just phone the Standard Oil Agent in your town.

Easy control of insects!

Standard also has a complete line of highly-effective insecticides. Select yours, *now!* Get ahead of the bugs!

STANDARD Stock Spray with Methoxychlor. Safe for use on dairy animals. Kills flies and mosquitoes on contact—repels insects, too.

STANDARD 25% DDT Concentrate. For corn borers, potato insects, livestock and buildings (where DDT is recommended), many other uses.

STANDARD Toxaphene Concentrate. For grasshoppers, alfalfa and clover insects, army worms, cut worms, chinch bugs.

STANDARD Heptachlor Spray. For soil insects, grasshoppers, alfalfa weevils. Especially recommended for corn rootworm control.

STANDARD Malathion Spray. Ideal for controlling flies in farm buildings—aphids on fruits and vegetables.

STANDARD Commercial Insect Spray. Special pyrethrum spray for milkhouses, dairy barns and wherever food is handled.

In Sprays, too...

You expect more from STANDARD and get it!

you're baling money

...more dollars every minute!

Your ROTO-BALER captures *tons* more rolled-in leaves, the most important source of nutritious protein for livestock.

Those leaves once lost in field and feedlot can tip the beef and milk scales strongly to the profit side for you this year. Go after them! *Round*-bale hay the Allis-Chalmers way, with the baler that pays for itself quicker; costs but a few pennies a bale to own and operate.

That's the kind of modern hay tooling you need ... on your own farm. Be equipped ... up-to-the-minute ... with the last word in *weather-wise* baling. Round-bale your own hay fast ... on time ... in a leaf-packed, sweet-cured package that sheds showers, can't buckle, self-feeds to cattle without waste. They lick up every leaf!

The ROTO-BALER is low-priced purposely for home ownership. Your name tag on one at your dealer's now can start new hay dollars rolling your way.

NEW 1956 Roto-Baler

Rolls out more dollars per minute in Weather-Resistant ROUND BALES

A new, enclosed 4-wing Rotary Feeder is a new ROTO-BALER feature for 1956. Located ahead of the press rolls, with a new constant-running V-belt drive, it is especially effective in handling abnormally bushy, fluffy windrows, particularly in strong winds.

A new automatic V-belt conveyor drive and spring-loaded idler, of simpler design, assures smoother, more positive conveyor operation.

ALLIS-CHALMERS, FARM EQUIPMENT DIVISION
MILWAUKEE 1, WISCONSIN

ROTO-BALER is an Allis-Chalmers trademark.

ALLIS-CHALMERS

Research Points

CARTONS may replace your old milk cans. Producers Creamery Company has tested a six-gallon cardboard carton for shipping fluid dairy products. The carton is lined with a plastic sack and weighs only two pounds. That compares with about 25 pounds for cream cans.

TREATED FENCE POSTS have a longer life. Now, the United States Forest Service has come up with a new treatment. It calls for standing the green posts in a water solution of copper sulfate. Then, in a water solution of sodium chromate. The two chemicals soak into the post and combine to form copper chromate. This is toxic to fungi and insects that usually attack posts. The toxic material is not leached from the post by damp soil.

MORE WOOL per sheep. The average weight of fleece in 1955 was 8.54 pounds. The 10-year average was 8.12 pounds.

ABOUT 70 percent of the molasses used in 1955 went for livestock feed. This added up to about 428 million gallons. The five-year average use of molasses for livestock feed is just under 309 million gallons.

ABOUT 6.5 gallons of molasses equal one bushel of corn on the basis of feed value. When this amount of molasses can be bought for less than one bushel of corn, it often pays to feed molasses.

HOW DO chopped and unchopped hay silage compare? One United States Department of Agriculture test found chopped silage ahead in (1) convenience of handling, (2) feeding value and (3) chemical quality. In both cases, the silage was stored in bunker type silos. Preservation efficiency was equal for both lots.

A POULTRY SPECIALIST predicts that the laying hen of tomorrow will weigh less than four pounds and lay 240 eggs per year. Today, laying hens usually weigh five to seven pounds. These "superior but small" hens should be common by 1965, guesses the specialist.

"Proudest father I ever saw!"

"You bet this is a modern farmhouse! It even has one and a half bathrooms!"

IN 1955 farmers equalled the record agricultural production of 1948. And they used eight percent fewer acres to do it, says L. H. Simerl, University of Illinois economist.

SPRAY WORMS ON plants to kill insect pests? The United States Department of Agriculture has tried it with nematodes—tiny wire-like worms. The nematodes carry a bacterial disease that is fatal to many insects. The "worm spray" has worked with corn ear worms, boll weevils, codling moth, pink boll worm and a number of pests. This method is still in the experimental stage. And further testing is underway.

KEEP YOUR oat hay bright and dry, advises a University of Nebraska specialist. Damp oat hay can cause nitrite poisoning.

MAYBE hens' teeth are not as scarce as you think. Newborn chicks do have a tooth, says H. H. Kaufman, Pennsylvania poultry specialist. The tooth is used by the chick to "pip" out of the shell. Then the tooth is lost.

DEEP CULTIVATION of row crops can cut yields up to 50 percent, say University of Florida workers. The report is from a test on beans.

SOME ENGLISH farmers have had ailing livestock treated with electricity. By passing electrical current thru affected parts of the flesh, rheumatism and similar ailments have been treated successfully. Treatment must be given by a specialist, of course.

WEATHER AFFECTS the amount of water plants need. In Lancashire county, England, experiments showed that tomatoes grown under glass needed only about 600 gallons of water per acre on cloudy days. But on sunny days, water use jumped to about 5,000 gallons per acre.

"OLD MUDDY," the Missouri River carries about 160 million tons of silt past Council Bluffs each year. That's according to the report of a soil conservation specialist.

THE EIGHT BILLION weiners used in this country each year would more than reach to the moon and back. Between Memorial Day and Labor day last year, folks in this country ate an average of more than 16 weiners per person.

leads the field in yield... *here's proof*

Name C. F. Kitzman Address Albia
County Monroe Township Bluff Creek State Iowa
Date Planted May 20 Date Checked Oct 3 Planting Distance 3'4" No. of hills picked 186.6

Hybrid Number	Stalk Count	STANDABILITY Broken Below Ear	STANDABILITY Root Lodged	Weight of Ear Corn	Shelling %	Moisture %	Bu. No. 2 Shelled Corn	Gain or Loss
P.A.G.	194	16	0	97.6	79	22.02	89.01	6.48+
COMPETITOR	194	22	0	87.8	80	20.61	82.53	

NOTE: Any stalk broken below ear is counted as a broken stalk. Any stalk leaning more than 30 degrees is counted root lodged. Do not count any one stalk as both broken and leaning.
Company Representative Louis Kristof
Disinterested Party Carl Kitzman Address Albia
Farmer C. F. Kitzman

I like Genuine Pfister Hybrids because yield checks such as the one taken on our farm last fall have proved to us that it pays to plant Genuine Pfister Hybrids. We have found that Genuine Pfister Hybrids produce consistently high yields of excellent quality corn on all kinds of soil and even under adverse weather conditions. C. F. Kitzman, Albia, Iowa

WINNER 8 OUT OF 10 TIMES IN

10,429

competitive yield checks made in side by side tests in farmers' fields

During the past 13 years Genuine Pfister Hybrids won 81.97% of these checks by an average of 9.8 more bushels #2 shelled corn per acre.

LEADS IN QUALITY, TOO!
Genuine Pfister Hybrids have won more awards at the International Grain and Hay Show for the past 7 consecutive years than all competitive hybrids combined.

Plant ALL Genuine Pfister Hybrids—The 8 out of 10 winner

Plant the hybrids with ability to produce Higher Yields of Top Quality

WHO—Tues., Thurs., Sat. ..... 7:15 AM
WMT—Mon., Wed., Fri. ..... 6:10 AM
KMA—Tues., Thurs., Sat. ..... 6:55 AM

P.A.G. hybrid sorghums are being developed with the same careful research that has made Genuine Pfister Hybrids so successful. P.A.G. hybrid sorghums will be distributed only after they have demonstrated the consistent, superior performance that warrants the P.A.G. trademark.

Genuine PFISTER HYBRIDS

PFISTER ASSOCIATED GROWERS, INC.
GENERAL OFFICES • AURORA, ILLINOIS

More N Per $

For More Nitrogen per Dollar and More Profit per Acre use PHILLIPS 66

AGRICULTURAL AMMONIA

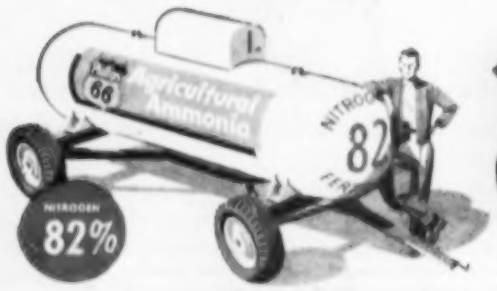
In giving full value, it's performance that counts! Phillips *66* Agricultural Ammonia gives you fullest value—more nitrogen per dollar than you can get in any other type of nitrogen fertilizer!

Your crops need nitrogen for vigorous, healthy growth. The high nitrogen content of Phillips *66* Agricultural Ammonia—82%—means lower production cost per unit, *more profit per acre.*

You can apply Phillips *66* Agricultural Ammonia direct to the soil with injection equipment, or with metering unit into irrigation water.

See or call your local ammonia distributor, dealer or custom applicator now for your supply of Phillips *66* Agricultural Ammonia.

It's Performance That Counts!



Phillips 66

PHILLIPS CHEMICAL COMPANY
A Subsidiary of Phillips Petroleum Company
BARTLESVILLE, OKLAHOMA

Soil insecticide made this difference last year for Robert Bahrenfuss of Wright county, Iowa. Ears at left came from rows treated with an insecticide-fertilizer mixture. Ears at right came from check rows which received fertilizer without insecticide.

How to control soil insects

Here are college recommendations for control of rootworms, wireworms, etc.

PLANTING corn this year on second or third year corn grounds? Or on an old cornfield that was planted to another crop for only one year?

Then corn rootworms could be a problem. They reduce yields by clipping roots and weakening plants. Goosenecked, tangled corn stalks often result.

Now's the time to take action against rootworms and several other soil insects. Prevention is the best control.

Here are Iowa State College recommendations for chemical control of the soil insects that are most likely to cause damage.

CORN ROOTWORMS—Aldrin, heptachlor, dieldrin and gamma BHC are recommended to control this insect. BHC is recommended only for broadcast treatments. Other insecticides can be applied as either row or broadcast treatments.

Use one-half pound of the insecticide per acre if you band it along the row. Boost the dosage to one pound when broadcasting.

Row treatments can be made in the form of band sprays or by using a starter fertilizer which has an insecticide mixed with it. Broadcast treatments can be made with a sprayer or by spreading a fertilizer-insecticide mixture. In the case of broadcasting, be sure to disk the insecticide into the soil promptly after applying it.

SEED CORN BEETLES AND MAGGOTS—Treat seed with lindane, dieldrin or heptachlor, according to label directions. Some commercial seed corn is treated by producers. Soil treatment, as for rootworms, also prevents losses from these insects.

These insects are most likely to cause damage if weather during May is cool and wet.

WIREWORMS — Late plantings are less subject to wireworm injury than early plantings. Seed treatment, as for beetles and maggots, can reduce wireworm damage.

Good control of heavy wireworm infestations can be obtained by doubling the dosages for control of corn rootworms.

Wireworms are most likely to cause trouble on wet, poorly drained fields.

WHITE GRUBS—These insects are most likely to cause damage on grass sod ground. You can prevent damage by disking in a broadcast application of heptachlor or aldrin at the dosage of three pounds per acre.

CUTWORMS, sod webworms and corn billbugs—Seed treatment does not control these insects. Soil treatment, as for wireworms, reduces damage. Or you have a chance to control these insects after damage is noticed —if you act promptly.

Watch for cutworms on sod ground, or on grassy lowland fields.

As soon as cutworm or webworm feeding is observed, spray with two pounds of toxaphene or one-half pound of dieldrin per acre. It's best to treat plants and soil in a one-foot band along rows. For billbugs, use DDT or toxaphene at one and one-half pounds per acre.

Page 40 shows how some farmers control soil insects.

About luck, Livium and saving baby chicks...

Here's why so many chick raisers now have "that confident feeling" about raising baby chicks.

Some poultry raisers seem to have such good luck with baby chicks year after year. No wonder they enjoy "that confident feeling"!

Many of them have told us that famous life-saving Livium just about takes the worry out of chick raising . . . and puts "that confident feeling" in!

First of all, it's mighty good to know why Nutrena Chick Starter with life-saving Livium helps save so many chicks. Nutrena contains safety margin amounts of all the important nutrients chicks are known to need. Not only enough for high livability, but plenty of nutritional "kick" for fast growth and vigorous health, too!

But Livium doesn't stop there. It also gives your baby birds the growth power and protection of guaranteed effective amounts of one of the best chick-type antibiotics. By decreasing the number of unfavorable bacteria in the digestive tract, this antibiotic permits the chick to get more nourishment from the feed.

Along with all this chick-building, health-giving nourishment and antibiotic, Livium also has plenty of vitamin B-12 to promote rapid growth.

Another mighty important confidence builder in Livium is a coccidiosis-fighting wonder drug. From the very first day your chicks go on Nutrena Chick Starter, you know they are getting protection against the ever present danger of heavy coccidiosis outbreaks. In addition, this particular wonder drug allows your flock to build a natural immunity against future killing or stunting attacks.

But even that's not all! Crumblized Nutrena Chick Starter with life-saving Livium has a new vitamin preserver that helps keep the important fat soluble vitamins fresh, stable and readily available to the chick's digestive system.

Now, can you see where "that confident feeling" comes from? It isn't luck, it's Livium! Why not let Livium help change your luck with chicks? Why not enjoy "that confident feeling" yourself this Spring?

Get a trial bag of Nutrena Chick Starter with life-saving Livium at your Nutrena dealer's. If you're not entirely satisfied, send the empty bag to Nutrena Mills, Inc., 200 Grain Exchange, Minneapolis, Minn., for a full refund.

See your Nutrena dealer right away. Have Crumblized Nutrena Chick Starter on hand the day your chicks arrive.

Join thousands of chick raisers who enjoy "that confident feeling," thanks to Nutrena Chick Starter with life-saving Livium. See your Nutrena dealer now.

NUTRENA MILLS, INC.

NEW

from Morton Salt

Controls Worms!

Saves you feed!

Gives better gains!

Increases profits!

Feed PHENOTHIAZINE in Morton Trace-Mineralized Salt to give your livestock TRIPLE PROTECTION:

1. **Salt animals must have.**
2. **Trace minerals animals need for health and feed efficiency.**
3. **Phenothiazine necessary to aid in the control of internal parasites.**

All untreated livestock carry internal parasites, according to checks made in many parts of the country. Some have a lot, some only a few. Your cattle, sheep and goats may look okay . . . yet many of them are loaded with worms that are literally taking the feed that should go to the animals. It may cost you money to rely on outward appearance only.

Relatively few animals die as a result of parasites. But total losses to livestock feeders is estimated at $400,000,000 a year by the U.S. D.A. If you feed livestock, you share in those losses!

Save money, save time, and safeguard profits by feeding Phenothiazine in Morton T-M Salt. Remember, each bag includes salt, trace minerals and 10% Phenothiazine.

Order from your feed dealer in 25, 50 or 100 pound bags, today.

MORTON T-M TRACE MINERALIZED SALT

Spraying corn ground ahead of disking and planting controls corn rootworms, wireworms, cutworms and other soil insects. Use aldrin, heptachlor, dieldrin or gamma BHC. To control rootworms with this method, apply at the rate of one pound per acre. Double the dosage to reduce loss from other soil insects. Photo: on the Stan Mathews farm in Henry county, Iowa.

Three ways to fight soil insects

Seed treatment with lindane, heptachlor or dieldrin controls seed corn beetles and maggots and reduces loss from wireworms. Follow label recommendations. Some seed corn now is treated by producers. Photo shows Ernest Nauman of Kossuth county, Iowa, mixing insecticide with seed in the planter boxes.

Insecticide-fertilizer mixes also are recommended for control of soil insects. For rootworms, band one-half pound of heptachlor, aldrin or dieldrin along the row with starter fertilizer attachment. Double the dosage for broadcast applications. BHC also can be used in broadcasting.

Hay baled with **SHEFFIELD WIRE** stays baled through all kinds of handling and storage

Pack more hay per bale . . . more bales in your storage space

SHEFFIELD
ARMCO®
Spooled
BALING WIRE

Wrapped in rust-preventing VPI* paper to insure smooth running in your automatic baler.

*Vapor Phase Inhibitor releases protective vapor that keeps out rust.

Guaranteed to meet A.S.A.E. specifications

Only WIRE has the strength to make a tight bale and hold it tight. Using Sheffield Spooled Baling Wire, you get highly compressed, rectangular bales that pack up to 20% more hay in the same space (as compared with round bales). They stack compactly for storage, and expose less area to the weather. You save work because you handle fewer bales. You save on transportation. The tightly packed bale holds succulence better, to preserve the full nutrient value of the hay.

Sheffield Baling Wire saves you man-hours and machine-hours. It combines just-right pliability, strength and uniformity. Runs smoothly in your automatic baler without the costly delays so often caused by failure of inferior wire. Won't weaken on the bale. Has special rust protection.

It all adds up to your best buy in baling wire. Get it from your Sheffield dealer (who also handles many other Sheffield Steel products for easier, more profitable farming).

SHEFFIELD STEEL
DIVISION
ARMCO STEEL CORPORATION
SHEFFIELD PLANTS: HOUSTON • KANSAS CITY • TULSA

Make short work of any field chopping

One chopper that never takes a break

Take anyone of New Holland's Forage Harvesters and turn it loose in any forage crop. Now watch what happens. It gobbles up the thickest, tallest stands like lightning. Just try and choke it!

What's the secret of this steady, high capacity? It's New Holland's patented, anti-clogging Flo-Trac Feed—finest feeding action on the market.

No heavy lifting, forking or carrying. New Holland's harvester with row crop attachment handles crops of any size, in any condition . . . chops and loads up to 22 tons of silage per hour, *hour after hour*.

You run your entire harvest without once getting down from the tractor seat. You're in full, mechanical control. One lever works the feed table—lets you start, stop, even reverse this Harvester. That's all there is to it.

* * *

Right now's the time to let your New Holland dealer give you a demonstration. He can help you plan your silage program for the whole year. See him as soon as you can. New Holland Machine Company, a subsidiary of Sperry Rand Corporation.

NEW HOLLAND

"First in Grassland Farming"

NEW HOLLAND, PA. • MINNEAPOLIS • DES MOINES • KANSAS CITY • COLUMBUS • CHARLOTTE • LOCKPORT • DENVER • NASHVILLE • SYRACUSE • FRESNO • BRANTFORD, ONT.

Government payments on wool make these animals look attractive to some farmers. Last year, incentive payments increased wool returns about one-half.

Wool growers get big checks

Government payments on wool to be shared by lamb producers this year

LAMB producers stand to gain by the new rules for direct government payments on wool. Lamb feeders may lose a little.

Producers will get a share of the wool incentive payment on unsheared sheep or lambs held 30 days or more.

And this wool payment is a big one. It may amount to 50 percent of what you received for wool sold in the year before April 1.

Let's look at last year's wool program, and compare it to the program for this year. Wool programs are set up for years beginning April 1 and ending March 31.

For the year before April 1, wool payments were offered only to sheepmen who sold to slaughterers. Or to the one who sold shorn wool.

For the year beginning April 1 this year, payments on shorn wool will be unchanged. But wool payments on unsheared sheep and lambs will be prorated among owners of 30 days or more.

That's about the only change, however, in the new wool incentive program, according to Dewey Jontz, field representative of the Iowa Sheep and Wool Association.

The incentive price will be 62 cents for another year. Method of figuring payments will remain the same.

For details about the incentive payments on wool you should see your county ASC committee. Here are some questions and answers, however, that cover the main points of old and new programs.

Who is now eligible for the wool incentive payments for last year's sales? How are payments secured?

If you sold unsheared sheep or lambs to slaughterers between April 1, 1955, and April 1, 1956, you are eligible now for government payments. Or if you sold shorn wool in the same period.

To get the payment, make application, if you haven't, at your county ASC office. Be sure to take care of it during April as it will be too late after that month.

How is the government payment figured? How much will it be?

It looks now as if your check would be about 50 percent of the amount you received for last year's wool at the market. It's figured this way.

The average price farmers received for wool during the year is found. Then they find the percent by which this price failed to reach the incentive price of 62 cents per pound.

Each wool producer gets a government check for the total found by multiplying percentage times his market receipts for wool.

The average price received for wool last year hasn't been announced yet. It may be around 42 cents. If it's 41.3 cents, each farmer will get a check for 50 percent of the amount received at the market for wool.

What should wool producers do this year to be sure they get the wool incentive payment on 1956 wool?

Keep a complete record of all transactions in sheep, lambs or wool. In the case of live animals purchased, include dates and weight when purchased. Also, of course, date and weights when sold.

You'll need the dates to prove ownership for 30 days making you eligible to receive payments. You'll need weights because wool payments on live animals are based on about five pounds of wool for each 100 pounds live weight added.

Make request for 1956 payments at your county ASC office after the end of the marketing year, next April 1.

CUT YOUR $ FEED BILLS RIGHT NOW

"Cut feed bills $1,000 on my 37-cow herd."
Kenneth Puppaff, Michigan

"Cut feed bills $120 a month on 45 head."
Arch Scheudel, Wisconsin

"Cut feed bills $1,000 in 122 days on 52 head."
Oscar Benson, Illinois

"Cut feed bills $200 on 100 pigs."
Glenn Slinger, Iowa

"Cut feed costs 40% in six months—maintaining same high milk production."
Wilbur Peyton, Illinois

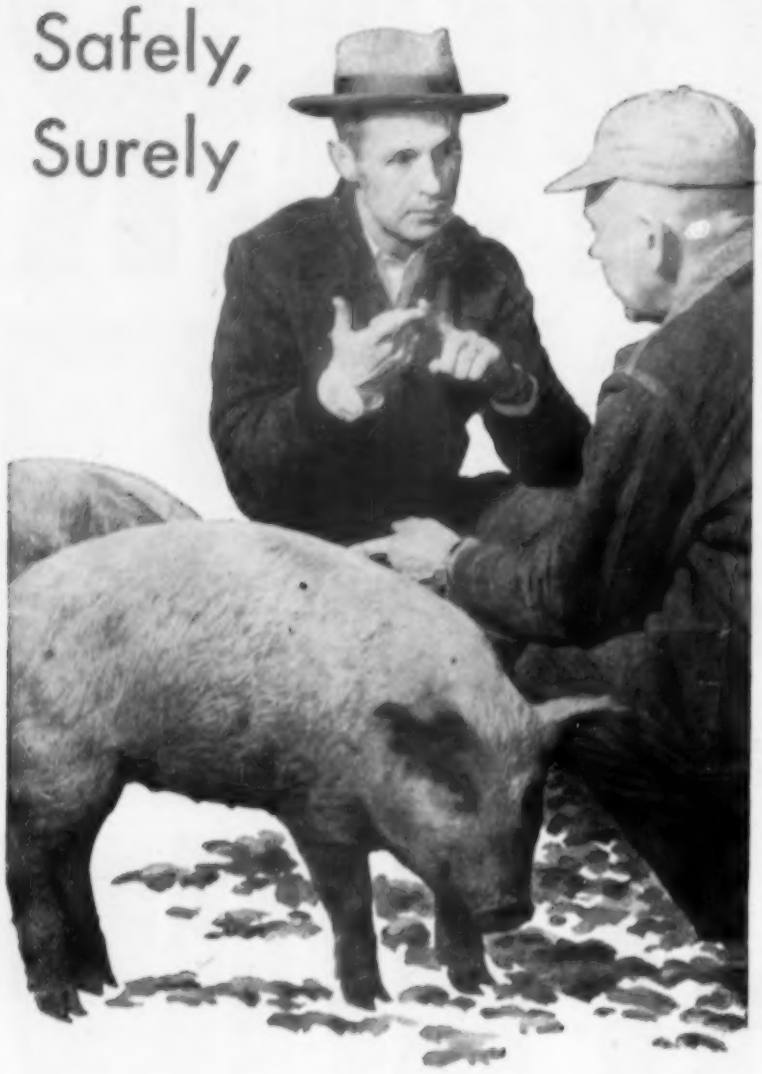
CUT-COST

All these farmers have one thing in common—they've cut their spending for purchased feed ingredients to rock bottom—and they still get a good job done. They know that, when properly balanced, the cheapest and best feed is what they grow right on their own farms. The only thing needed to easily and economically balance up farm feeds is MURPHY'S CUT-COST CONCENTRATES. You don't need to buy anything else because CUT-COST balances up farm feeds with the extra proteins, and the important minerals and vitamins farm feeds lack. Even the proper amount of antibiotics is included in MURPHY'S HOG and POULTRY CONCENTRATES. So with MURPHY'S, you can cut your feed bills way down, right now.

Because MURPHY'S is a concentrate, it goes further—makes your farm feeds do a better job. You get greater returns from your farm feeds. When you use MURPHY'S, you don't have to buy separate protein supplements or vitamin-mineral mixtures, or separate antibiotics. MURPHY'S CUT-COST CONCENTRATES amply supply these nutrients. So, when only such small amounts of MURPHY'S CONCENTRATES are needed to balance your farm feeds, there's no need to open the door to sickness, diseases and poor production that can be caused by straight grain feeding. So to avoid troubles—get good production—and most of all, cut your feed bills way down right now, switch to MURPHY'S CUT-COST CONCENTRATES.

MURPHY PRODUCTS CO.
BURLINGTON, WISCONSIN

Prevent Hog Cholera Safely, Surely



When your veterinarian says

FORT DODGE **M·L·V***

USED SIMULTANEOUSLY WITH SERUM

...Here's why

greater effectiveness—The porcine origin of M·L·V vaccine (modified in rabbits, finished in pigs) provides extra concentration of modified live virus.

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*"M·L·V" is the trade mark for Fort Dodge brand Hog Cholera Vaccine—Modified Live Virus. Fort Dodge Laboratories, Inc., Fort Dodge, Iowa.

Good dairymen like cows

It's a big factor in achieving high herd average, say "400 Club" members

This is another in the series of articles resulting from a survey of Iowa's "400 Club" members. They're the dairymen whose herds have produced an average of 400 pounds of butterfat or more per cow for at least 10 years.

"SUPPOSE an ambitious young dairyman were to ask you to list the key factors in attaining and maintaining a 400-pound herd average. How would you reply?"

We put that question to the 51 members of Iowa's exclusive "400 Club."

"First, you must like the dairy business," replied Ronald Chapman of Palo Alto county. "Success in dairying will not be attained overnight."

Answers indicated that most of the "400 Club" members would go along with Chapman's statement. All of them emphasized the importance of good breeding and proper feeding combined with skillful management.

"Almost anybody can milk and feed a cow," commented Earl Lyon & Sons of Tama county. "But the real dairyman is the one who knows his cows—so he is able to head off trouble before it begins."

From Grundy county, W. D. Mitchell advised: "Study the herd. Treat each cow as an individual—both in feeding and milking. No two are alike."

"A dairyman has to have a lot of pride in his cattle," declared Spies & Lein of Palo Alto county. "He must watch the front end as well as the rear end. . . ."

And Wallace Y. Mills of Linn county urged: "Treat your cows with kindness. It pays in the milk pail. And these are important, too: Be willing to put in long hours. Have a strong back, an alarm clock that works and a good wife to help."

"To be a good dairyman, you have to like cows and like to work with them," remarked Francis Winslow of Grundy county.

And Robert Thompson of Benton county advised: "Dedicate yourself to a lot of hard, steady work. Milk on time. Keep cows and barn clean. Be proud of your herd."

L. W. Troxel of Kossuth county went even further by declaring that you should have a family that likes dairying. "Dairying is a family affair," he argued. "Good herds are rare where the help is hired."

And Herb Bothe & Son of Webster county advised: "Be willing to spend more than the average amount of time with your cows."

Homer Fike & Son of Black Hawk county put it this way: "You must have cows capable of such production (400 pounds of butterfat)—whether you breed them yourself from proven ancestors or purchase such cattle. The rest is just management and supplying good quality feed in proper amounts."

Most of the "400 Club" members urged young dairymen to start with the best cows they can afford to buy.

"I think it is very important to build a herd from a family of cows that have produced well over 400 pounds for generations," declares Clarence Zurcher of Clayton county. "Then, if possible, get a herd sire whose dam has a production record as high or higher than the highest record cow in the herd."

Harry Reese of Adams county said: "The number one factor (in high production) is to buy bulls only from cows with long lifetime records. . . . Buy your breeding stock from a reliable and longtime breeder who has had a good herd average."

"If you buy cows, pay a little more to get ones with known backgrounds and records," urged Eves Cadwallader of Mahaska county. "Just because they come from Wisconsin or Minnesota is no sign they will make good cows."

Importance of raising your own replacements was emphasized by many of the "400 Club" members.

Another point that received much attention was the importance of keeping records. A number urged young dairymen to join a Dairy Herd Improvement Association.

"Don't be afraid to cull!" That advice came from W. D. Mitchell of Grundy county. Many of the "400 Club" members stressed that point.

The importance of good pasture and high quality roughage also was emphasized.

"It's gotten to the point where Henry doesn't wake up when the clock turns on sweet music."

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● At left the 45 is combining corn. Because this versatile machine harvests all your crops, your investment is spread over more acres—you collect greater dividends every year.

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Sargent

5 SARGENT PLANTS SERVING HOG RAISERS

Des Moines, Iowa
Monmouth, Ill. Waverly, Mo. Fremont, Nebr. Algona, Iowa

Locker plants handle butchering of hogs for most farmers these days. John Rhodes, Washington county, Iowa, goes along with the majority of Iowa farm people who let locker plants do this chore.

Big cut in home butchering

More pork stored in home freezers these days than in locker plants

BUTCHERING day on the farm used to be a work-out for everybody. Pop, the boys and a couple of neighbors worked out in the cold, scraping, gutting and cutting up the pigs.

Mom and the girls were busy frying out the lard, putting down sausage in big jars, and deciding who was to get the fresh pork cuts that couldn't be smoked and preserved.

For a few days, the neighborhood ate too much pork.

Smoking was another job. It took some work to see that the hams and bacon were smoked thoroly enough to last into a hot summer. Sometimes the cure was over-done on that account.

What do farmers do now? The Wallace-Homestead Poll asked farm people and found that customs on hog butchering have changed a lot.

The first question was: "Do you pick out one or more of your own hogs to supply pork and lard for the family?" Answers were:

1. Yes	83%
2. No	17

The 17 percent apparently buy their pork at the store as they want it. No butchering.

But take the farmers who do want to eat their own pork. How do they handle the work? The Poll asked:

"If yes, how do you handle the butchering job?"

1. Do it myself or with neighbors	20%
2. Have locker plant handle it	75
3. Other methods	5

It makes a difference how old you are. One elderly farm owner in Keokuk county, Iowa, said: "As we get older, we don't like to work so well. So we hire the locker to do it."

It also makes a difference how big your income is. A Kossuth county farmer reported: "We did the butchering ourselves this year. We decided that was the best way to get some advantage out of cheap pork."

Young farmers were more inclined than older ones to pick out a hog to butcher. Young men, too, were more apt to do the butchering job themselves.

But old and young agreed on having locker plants cure bacon and ham. And young farmers, like older ones, preferred storing in a home freezer to storing in a locker.

The Wallace-Homestead Poll went on to ask this question: "Do you store pork in locker or in home freezer?"

1. In locker	31%
2. In home freezer	51
3. Use both	11
4. Other	7

This makes a total of 62 percent of the hog-butchering farmers who use freezers for pork storage.

The Poll asked another question: "What about bacon and ham? Do you smoke them yourself or have the locker plants do it?"

1. Do it myself	7%
2. Have locker plant do it	79
3. Other methods	14

Some farmers are swinging away from locker plant processing. A young renter in Clayton county said: "We have had our meat taken care of at the locker, but we may do it at home after this. By the time we have our lard ground and rendered, it costs almost as much as if we'd bought it at the store."

MANY A MAN discovers too late that freedom ends where marriage begins. — Decorah Public Opinion.

"This package of PARVEX makes these pigs profitable..."

The difference between profit and loss in raising and selling pigs is often the difference between pigs being free of worms and pigs having worms.

Parasites, like the large roundworms and nodular worms of swine, live at the expense of the pig, robbing it of nutrition, stealing its energy, slowing down its growth, making it fair game for disease, reducing its breeding vigor.

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Won't help hog prices. This is view of Wayne Laird, Webster county, Iowa, about effect of Eisenhower's proposed farm program.

Farm views on Ike's plan

Wallace-Homestead Poll reports again on way farmers look at Eisenhower program

HOW many farmers now want President Eisenhower's farm program put into effect? How many—after the long and confused debate—are sure just what it is?

The Wallace-Homestead Poll found 56 percent of Iowa farm people—more men than women—who thought they knew something about Ike's farm plan. Many said it included the soil bank and flexible supports.

Back in January, Wallaces' Farmer and Iowa Homestead asked farm operators their opinion of the Ike-Benson farm plan. In spite of the discussion, there wasn't much change in farm views by late February.

In answer to the question, "What do you think of the plan?", farm operators answered this way:

	Jan.	Feb.
1. Could be very helpful	19%	19%
2. Could help a little	53	47
3. Wouldn't do any good	16	22
4. Undecided	12	12

In other words, no change in opinion. In both surveys, 70 percent were sure the plan wouldn't help the price of hogs.

How do farmers regard the senate farm bill, which changed many of the president's recommendations? The Wallace-Homestead Poll doesn't know. The bill changed every day and didn't stand still long enough for support to be measured.

On the original Eisenhower-Benson plan, however, the Poll can report the different ways in which it was regarded by men and women, Republicans and Democrats, Farm Bureau members and non-members, and by age groups.

The following tables deal only with the 56 percent who said they had some idea of what was in Ike's farm plan.

As usual, women had a bigger undecided vote than men. While 12 percent of the men were undecided on whether the farm plan would do any good, 39 percent of the women weren't sure.

Republicans and Democrats had somewhat different ideas on Ike's farm plan. Here's the way they voted:

	Rep.	Dem.
1. Could be very helpful	24%	10%
2. Could help a little	45	39
3. Wouldn't do any good	11	27
4. Undecided	20	24

A farmer in Clayton county commented: "If the soil bank is a good thing, it should have been started several years ago."

A Cerro Gordo county man had a different view: "I'm afraid so many will stay out of the program that it won't have a fair chance to work."

Another question asked was this: "In what year do you think any benefits from this program would begin to help you personally?"

Here is the way Farm Bureau members and non-members voted:

	Bureau members	Non-members
1. 1956	13%	9%
2. 1957	35	26
3. 1958	13	13
4. Later	8	7
5. Never	9	20
5. Undecided	22	25

(Continued on next page)

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McCulloch CHAIN SAW

Little help on income next year might come from Ike's farm plan. But Jim Turner, Pocahontas county, doesn't see any help this year.

See no help for hogs

(Continued from last page)

Farm Bureau members were a little more hopeful about the plan than non-members.

One Bureau member in Chickasaw county wanted this point nailed down in the bill: "If we have the soil bank, only those who go into it should be permitted to seal their corn."

A Bremer county farmer commented: "I don't think the soil bank will help the small farmer. It's all right for the big operator. But a small farmer needs all the feed he can raise."

A third question asked: "As you understand the Eisenhower program, do you think it will do anything to help hog prices in 1956?"

Young farmers were most doubtful about help on hogs. By age groups, the vote was:

	Age 20-34	Age 35-49	Age 50 up
1. Will help hogs	5%	14%	12%
2. Won't help	75	62	64
3. Not sure	20	24	24

Republicans were more hopeful than Democrats on this. Of Republican voters, 18 percent said the program would help hogs while only six percent of the Democrat voters felt the same way.

A big majority of both parties thought that the Ike-Benson plan held no hope for hogs. Of Republicans, 61 percent voted "won't help" and of the Democrats 68 percent.

Farm Bureau members voted 68 percent that no aid to hogs was in sight in the administration program.

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DELAY in burning or burying dead animals risks spread of disease to healthy animals.

▼ ▼ ▼

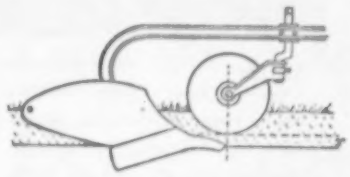
WORKING soil when it's wet and sticky hurts crops, but often seems to help the weeds.

▼ ▼ ▼

PATCHWORK on thin stands of new legume seedings often fails. Complete new seeding job may prove cheaper.

▼ ▼ ▼

PLOW colters should be set to cut slightly more than half the plow depth, say Illinois College of Agriculture engineers.



For a clean furrow wall, the colter should be set about three-fourths inch to the left of the plow landside.

▼ ▼ ▼

OATS can still be sown for grain if changing crop plans make it necessary. But yields from late-sown oats will likely be lower than from early seedings.

▼ ▼ ▼

NEW SEEDINGS of legumes and grass should be checked each week this time of year. Dead seedings change crop plans.

▼ ▼ ▼

FIRST GREEN LEAF on red clover in the spring doesn't always mean that the clover stand survived the winter. It sometimes dies later because of damage to the tap root below the crown.

▼ ▼ ▼

NITROGEN can be applied to oats after the oats are up. But do the job when leaves are dry. You want the nitrogen in the soil, not sticking to the leaves.

▼ ▼ ▼

SIDE DRAFT increases power required for plowing. It also causes extra wear on the plow. And the plowed surface may be left uneven. Proper adjustment of tractor wheel spacing will often reduce or eliminate side draft.

▼ ▼ ▼

THERE'S STILL TIME to test bean seed for germination. Iowa State College tests showed one-fifth of the samples germinated less than 80 percent.

▼ ▼ ▼

YOU CAN HOLD moisture on level land by harrowing right up behind the plow. On hilly land, it isn't certain. You may lose both moisture and soil if a big gully washer hits smooth fields. One year with another, early plowing should be left rough. Harrow right behind the plow only on late plowing.

STEP LADDERS are unsafe unless spread to their full width and locked in position.

▼ ▼ ▼

INDIVIDUAL STALLS are better than group pens for calves up to six weeks old, say Wisconsin dairy specialists.

▼ ▼ ▼

GARDEN SEED held over from last year may not produce a good stand of vegetables. In this case, it's often cheaper to get new seed than to make tests.

▼ ▼ ▼

COWS CAN GET the swine type of brucellosis from sows. Separate yards are recommended, especially in the period when young are being produced.

▼ ▼ ▼

EARLY WEANED PIGS will eat more dry feed than will pigs allowed to suckle sows eight weeks. But a lot of sow feed is saved by early weaning.

▼ ▼ ▼

WET HANDS add to the hazard when handling light bulbs or any electric connection.

▼ ▼ ▼

HOT WATER poured into your freezer will defrost it quickly. But it isn't recommended, says Kay Conway, household equipment specialist of the University of Nebraska. Run cold water over the frosted surface, or use a fan to blow warm air into the freezer.

▼ ▼ ▼

ONE MINUTE spent oiling the polished plow surface before you leave the field may save an hour of scouring trouble if your return should be delayed.

▼ ▼ ▼

GRASS SEED can be sown on oats after oats are planted or even after they come up. It should be rolled for cover, however, unless the seeding is followed immediately by a good rain.

▼ ▼ ▼

TRACTOR MOTORS will be damaged if run for only a few minutes without water in the radiator. And they'll be hurt

still more if they're filled with water while hot and dry. Cold water can crack red hot metal.

▼ ▼ ▼

IF YOUR PASTURE is part grass and part legume, divide the two with a fence as a safety measure against bloat. Let cattle fill up on grass first. Or keep them off the legume completely until it begins to get stemmy.

▼ ▼ ▼

EVERY ANIMAL FOOTSTEP on wet fields in the spring means a compacted area hard for roots to penetrate. If the field are plowed, each footstep makes a clod.

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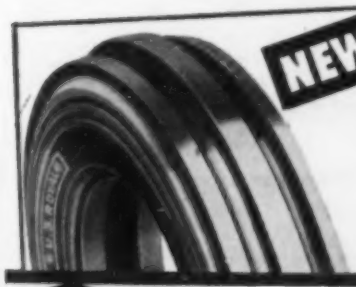

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CEDAR FALLS....Al's Tire Shop
CEDAR RAPIDS....Allen's Tire Service
CENTERVILLE....Casady's
CHARITON....Brown Motor & Implement
CHARLES CITY....Richard Allen Co.
CLINTON....Machael Oil Co.
COLFAX....Lind Implement Co.
COLO....Farren Implement Co.
COLUMBUS JUNCTION....Fisher Motor Co.
CORNING....Spring Oil Co.
CORYDON....Corydon Oil Co.
COUNCIL BLUFFS....O'Malleys

DALLAS CENTER....Whitacre Texaco Service
DAVENPORT....Hackner's
DES MOINES....C. E. Butterworth Co.
Ibe, McKinney & Wolf
DYSART....Cornfield Auto Co.

EAGLE GROVE....Christensen Motor Co.
ELLSWORTH....Carroll Kuhlas Oil Co.
EMMETSBURG....Donahue Tire Shop

FAIRFIELD....George's Battery & Electric
FONDA....Stauter Motors
FOREST CITY....H. J. Lee Tire Service
FORT DODGE....Daniel Tire Co.

GARNER....Erv's Pontiac
GREENE....T & M Cities Service
GREENFIELD....Wakefield Implement Co.
GRINNELL....Mitchell Motor Co.
Van Wechel Motor Co.

HAMPTON....Kreiner Bros. Motor & Implement
HARTLEY....Stoterau Oil
HAWARDEN....George Heldt & Sons
HOLSTEIN....Vollmer Motor

INDEPENDENCE....Harvey Nelson O. K. Tire Shop
IOWA CITY....Linder Tire Service
IOWA FALLS....I. W. Braga & Sons
S & S Sales Co.

KEOKUK....George Koch
KIMBALLTON....K & H Standard Service

LAKE MILLS....Veterans Oil Co.
LAKE PARK....Rowe Implement

MANCHESTER....Van Wechel Motor Sales
MAPLETON....Collins Implement
MAQUOKETA....M. W. O'Connor Conoco
MARCUS....Marcus Oil
MARENGO....S & S Implement Co.
MARSHALLTOWN....Irwin Tire Service
MASON CITY....J & L Tire and Supply Co.
MISSOURI VALLEY....Boehler Implement
MONTICELLO....McLaughlin Motor Co.
Monticello Implement & Truck
MOOREHEAD....Griffith Implement
MT. AYR....Harvey Brothers
MT. PLEASANT....Longe Tire Service
MOVILLE....Hobbs Garage
MUSCATINE....Motor Service Company

NEWTON....Dunitz-Grainck Pontiac
Hawkeye Chevrolet Inc.

OELWEIN....Strang Tire Co.
OSAGE....Royal Tire & Supply
OSKALOOSA....Monast Sales & Service

PELLA....Gary T. Vogelaar Motor & Machinery Co.
PERRY....Jenkins & Batterson
PIEOT GROVE....J. J. Nichting Co.
POCAHONTAS....Ruker Motor Co.

ROCKWELL CITY....Royal "400" Service

SIOUX CITY....Bixby Tire Company
Ben Fish & Son
SLOAN....Cass Service
SPIRIT LAKE....Cole Farm Equipment
STORM LAKE....Mac's Tire Sales & Service

TABOR....Kemptons Garage
TIPTON....Chapman O. K. Rubber Welders
Fraseur Implement Co.

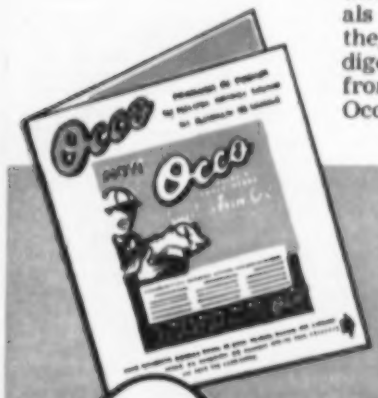
VILLISCA....Danielson Implement
VINTON....Cedar Valley Salvage

WAPELLO....Johson Motor Co.
WASHINGTON....Fees Implement Sales & Service
WATERLOO....Priebe Bros. & Sons Oil Co.
WAVERLY....Waverly Tire Co.
WEBSTER CITY....Hoffman's Super Service
WELLMAN....Buckwalter Motor Co.
WINTERSET....Henderson Automotive & Implement Co.
Winterset Oil Co.

1956 can Be

Yes, we've heard all the talk about markets and other such problems facing hog raisers. But, we also have a positive answer. And we make this challenge. You can make profit—good profit off your hogs if you'll follow step number 2 of the Occo-Start-to-Finish Program. Here's how the Occo-Pasture Plan works.

Let your pigs get every last bit of benefit out of that good protein that's in the pasture grass. Then cut costs even further. Feed them Occo-Trate 40, our low-cost, but perfectly balanced protein. Know why it's better although lower in cost? Because Occo-Trate 40 is based on the right balance of all the essential amino acids. You know that fur and feathers can raise the protein percentage of a feed—but they contain no nutritive value. Along with your pasture and Occo-Trate 40, make Occo Hog Mineral and Occo-Lak available to your hogs. They'll get all the base minerals and trace elements that they must have plus better digestion and quicker growth from the live cell yeast in Occo-Lak.



Like to find out more about how you can make 1956 your BEST HOG YEAR? Write to Occo, Oelwein, Iowa for your free copy of this beautiful four page folder that provides the answer to low cost feeding program for America's Hog Raisers. Write for your free copy today.

Occo

OELWEIN CHEMICAL CO., INC.
OELWEIN, IOWA

A Trusted Name Among Livestock Men

Control brucellosis by areas

County-wide control of Bang's moves ahead on vountary basis

COUNTY-WIDE control of brucellosis—or Bang's disease—on a voluntary basis. That's the latest step in Iowa's battle against this costly livestock disease.

The movement had its beginning early last winter. That was when Delaware county herd owners petitioned the Iowa department of agriculture for approval of an area plan for control of brucellosis.

The Delaware county plan was approved. Since then, Buchanan county has received approval for a similar plan. And several other counties in northern and eastern Iowa now are in the process of petitioning for approval of area brucellosis control programs.

The movement is entirely voluntary. Iowa has no laws providing for an area brucellosis control program—as do most adjoining states.

However, leaders in the fight against brucellosis have expressed hope that a compulsory control program will be enacted by the state legislature. And county-wide control programs are being set up to fit into the type of legislation that might be expected.

What's needed, say disease control experts, is legislation to restrict movement of cattle that haven't been vaccinated or tested for brucellosis.

Why bother with an area control program? What are the benefits?

In the long run, of course, the biggest benefit could be reduction (or eradication) of a costly livestock disease.

But an immediate benefit is free calfhood vaccination. Under existing county-wide plans, the federal government provides anti-brucellosis vaccine and pays veterinarians for injecting it.

Free ring testing, free blood testing and indemnities for cattle slaughtered under approved brucellosis control programs already are provided from state and federal funds. But only in the counties which have an area control plan do herd owners get free calfhood vaccination.

It's assumed that free vaccination will be extended to other counties which may adopt area control programs, says Dr. H. U. Garrett, state veterinarian. However Dr. Garrett explains that the federal government is not obligated to provide that service.

Another benefit of the county-wide control program is its educational aspects. As petitions are circulated, almost every farmer in the county is contacted and given a personalized "sell" on the need for brucellosis control.

How can you get an area brucellosis control program in your county?

Existing county-wide programs have been set up thru the extension service. So your first move might well be to visit your county extension director.

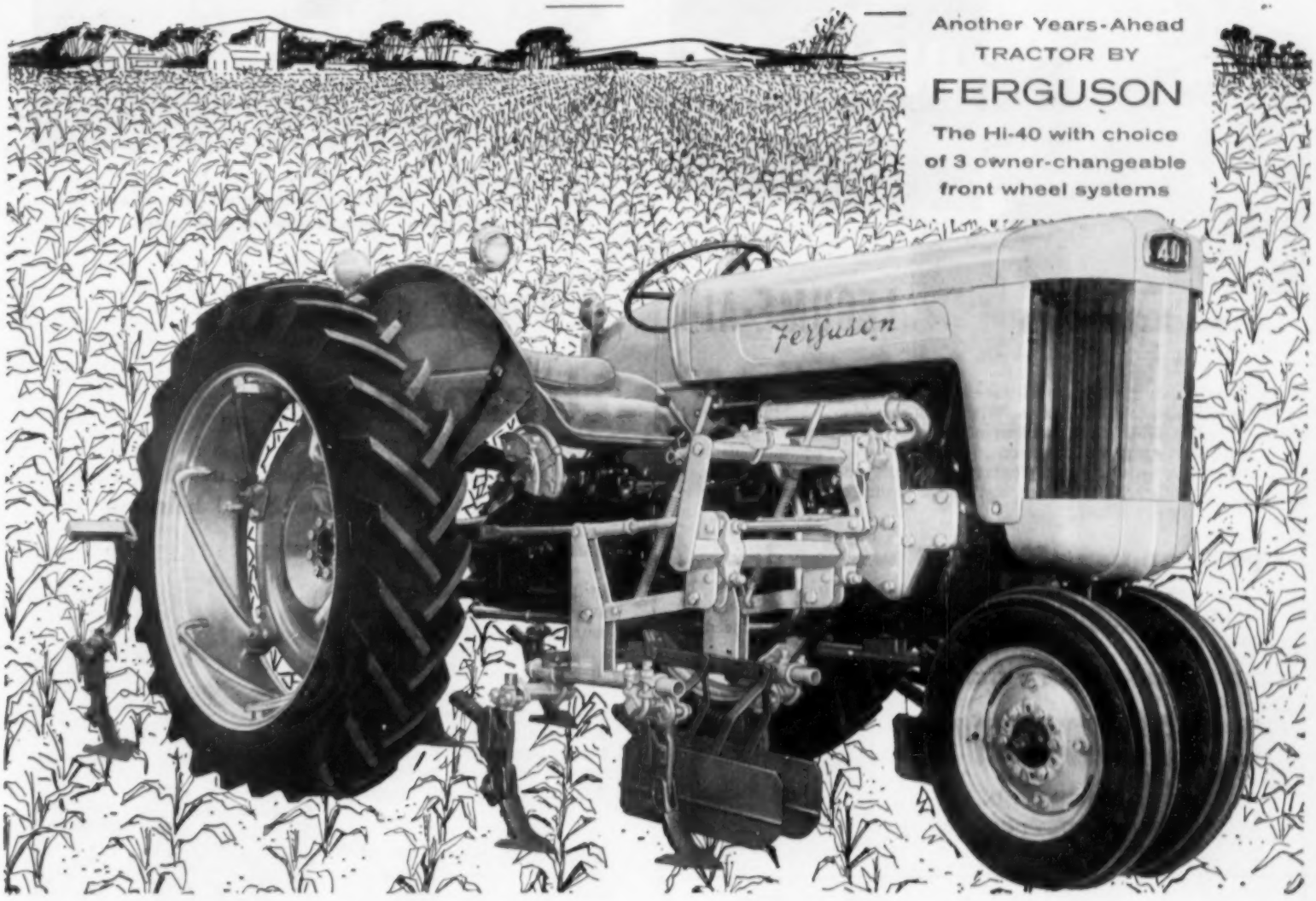
Next step is to get signatures on a petition. Under the present set-up, you'll need the signatures of at least 75 percent of the farmers in your county.

In signing the petition, you'll simply agree to clean up brucellosis on your farm and ask your neighbors to do the same. Unless your herd is certified brucellosis free, you'll also agree to put the herd under one of the two brucellosis control plans recognized by the Iowa department of agriculture.

Briefly, those plans involve calfhood vaccination and testing and slaughter or quarantine of reactors.

Homemade self feeder . . .

Metal barrel was converted into a self feeder on the Floyd McComas farm in Clarke county, Iowa. With bottom removed, barrel was welded to old steel wagon wheel. Sheet metal around center of barrel protects feed from rain.



BRAND NEW by Ferguson...in 3 New High-Clearance Models!

Ferguson Hi-40 WITH 4-WAY WORK CONTROL

If you prefer a high-clearance tractor and mid-mounted cultivators, be sure to see—and test drive—the new Ferguson Hi-40.

The Hi-40 has all the proved work-saving, money-saving features of its lower slung running mate, the famous Ferguson 35.

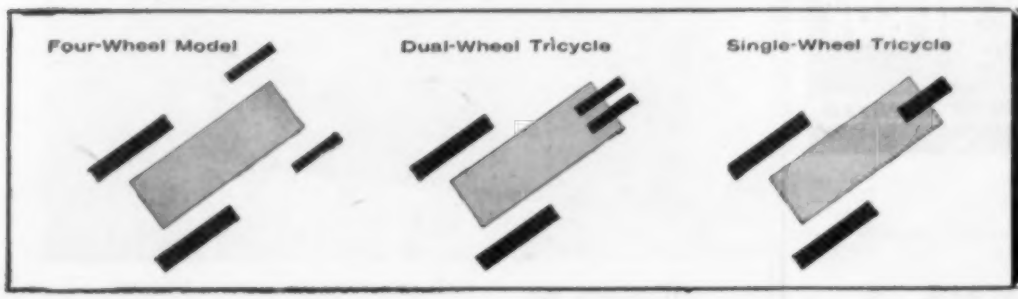
Right at your finger tips is Quadramatic Control that gives you close command of implements . . . lets you raise and lower them, select draft and maintain working depth, adjust the hydraulic system's speed of response and hold implements in any position you choose.

This and the other work control features give you mastery over every farm job; Variable-Drive PTO for both "Ground" and "Engine" speed drive; "2-Stage" Clutching for one-pedal control of both transmission and PTO; and Dual-Range Transmission for peak efficiency in every speed range.

New increased power—12-volt electrical system—and power steering (optional) make the Ferguson Hi-40 a top performer in its field. Ferguson Dealers have had years of experience in sales and service of the Ferguson System. Contact your local dealer now to arrange for a Spring Hi-40 Demonstration. *Ferguson*, Racine, Wisconsin.

Ferguson

CHOICE OF MODELS. The Ferguson Hi-40 is available in models shown below. Front ends are also convertible, by the owner himself.



WIN FREE VACATION FOR 2

Exciting travel vacations to London and Paris . . . Hawaii . . . Caribbean Islands . . . Cuba . . . New York City. Ferguson Dealers have contest entry blanks. Nothing to buy or write. "Go places with Ferguson."

• more beans per pod
• more pods per plant
• more bushels per acre
when you

INOCULATE SOYBEANS

inoculate with LEGUME-AID

"Adds pennies to costs—dollars to profits!" That's the LEGUME-AID story. When you inoculate soybeans with LEGUME-AID, millions of live, active nitrogen-fixing bacteria go to work for you . . . to grow larger, healthier plants with better root development and more nodules of nitrogen. Yields are boosted substantially and the soil is enriched for crops to follow.

you can use LEGUME-AID wet or dry . . .

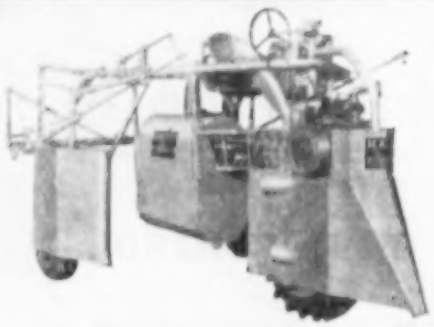
Apply LEGUME-AID just as it comes out of the carton. The fine textured humus base coats seed thoroughly, clings closely and actually assists free passage of beans through the drill.

YOUR LOCAL FARM SUPPLY STORE HAS

LEGUME-AID

SUPERIOR INOCULANT IN THE PLIOFILM PROTECTIVE CARTON

AGRI-LAB-INC
AGRICULTURAL LABORATORIES INC.
1147 Chesapeake Ave.
Columbus 12, Ohio



SPRAY BETTER CLEANER FASTER CHEAPER
with
THE HAHN HI-BOY

The Self-Propelled, High-Clearance Sprayer for Both Row and Field Crops

Aluminized tank and booms combine steel's strength and aluminum's corrosive-resistance.
Trouble-free nozzle — chemicals pass through strainers 3 times — this special Hahn feature prevents nozzle clogging — lets you spray with ease for an entire season without nozzle trouble. This saves you time —cuts spraying expenses.
Hi-Boy protects your corn from corn borers, earworms, weeds! Topping attachment cuts off stalks above ears for easier harvesting with picker.

AND NOW . . .
TILL - SPRAY - MOW - LIFT
WITH POW-R-BOY — (formerly Triple-M)

Hahn's new line for more attractive yards and lawns.

HAHN, Inc.
1827 W. Franklin St.
Evansville 12, Ind.

HAHN HI-BOY
THE HI-SPEED SPRAYER

Name.....
Address.....
No. of Acres.....
Crops Sprayer is Needed for.....

Distributed in Iowa by
STEWARD FARM CHEMICALS
Box 1007 Mason City, Iowa

Outside view of the Gordon Saunders' "home-made" house in DeKalb county, Mo. House has full basement, utility room, breezeway and garage.

They did it themselves

New home with three bedrooms and garage for just over $8,000 and 3,100 hours of work

THE Gordon Saunders kept careful record of expenses and time used while building their new home in DeKalb county, Mo. With the help of a couple of relatives, they did all but some cabinet work.

During the 10-month building period, 13-year-old Johnny, did most of the field work. Even nine-year-old Suzanne pitched in to do her share. Here are pictures of the home.

The Saunders family keeps busy with community and church activities, too. They are shown in the new home.

Modern kitchen pleases Mrs. Saunders. Lots of counter space and cupboards are a welcome change from the old house.

Washing up in style. Suzanne finds this a highlight of the new home. She also realizes something of the work and money that went into the project.

"American Fence is the practical way to solve the farm fencing problem

. . . it's long-lived and gives a farmer his money's worth in material and labor costs,"

SAYS FRED R. JONES, CONCORD, MASSACHUSETTS

Mr. Fred R. Jones—President of The Farm Bureau Association of Waltham, Mass., President of the local National Farm Loan Assn., and member of the State Board of Directors of the Massachusetts Farm Bureau Federation.

Mr. Jones uses four or five 20-rod rolls of American Fence every year, which is actually new fencing, not replacement fence. He mounts his fence on American Self-Fastening "U" Posts.

Herd replacements are produced at "Old Acres" through artificial insemination. About a dozen calves a year are kept, and the American Fence does a good job of containing the frisky little animals.

Mr. Jones is the prominent owner of two handsome farms near Concord—"Old Acres" farm which has 110 acres, and "Old Acres Sudbury" consisting of 90 acres. Mr. Jones has full dairy facilities at "Old Acres" and processes and bottles 1400 quarts of milk every day—serving customers in both Concord and Acton, Massachusetts. He also raises enough poultry to supply his customers with eggs.

"Old Acres" supports a mixed herd of pure Holsteins and Holstein-Guernseys, which has a herd average (per cow) of 350 pounds of butterfat annually, and 9,000 pounds of milk annually. The cows are fed on a mixture of clover and alfalfa raised on the farm.

Mr. Jones uses American Fence to keep his cows out of the ensilage corn (about 12 acres) and from wandering off the farm. "There are many advantages to American Fence and Steel Posts," he says, "no postholes to dig, nothing to paint, easy to put up, easy to take down. Best of all, American Fence is long-lived. I've used American Fence on my farms since the very beginning. Some sections have been up for more than 20 years." At present, Mr. Jones has more than 4 miles of American Fence on his farms, supported by steel posts spaced 10 to 12 feet apart.

Progressive farmers, like Mr. Jones, consider permanent and temporary fencing a most important farm tool, since it makes possible complete pasture rotation and rotation grazing, plus giving animals and crops the vital protection they need to grow and prosper. These men have learned through long experience that products bearing the "American" brand give years and years of good, economical service in all kinds of weather and under rough treatment. See your American Fence Dealer.

"There's more in use than any other brand"

USS TRADE MARK

AMERICAN FENCE AND POSTS

Send for this FREE Literature

American Steel & Wire Division
Rockefeller Building, Cleveland 13, Ohio

Please send me your FREE booklet—
HOW TO BUILD GOOD FARM FENCES!

Name .....

Address ..... Town.....

County ..... State.....

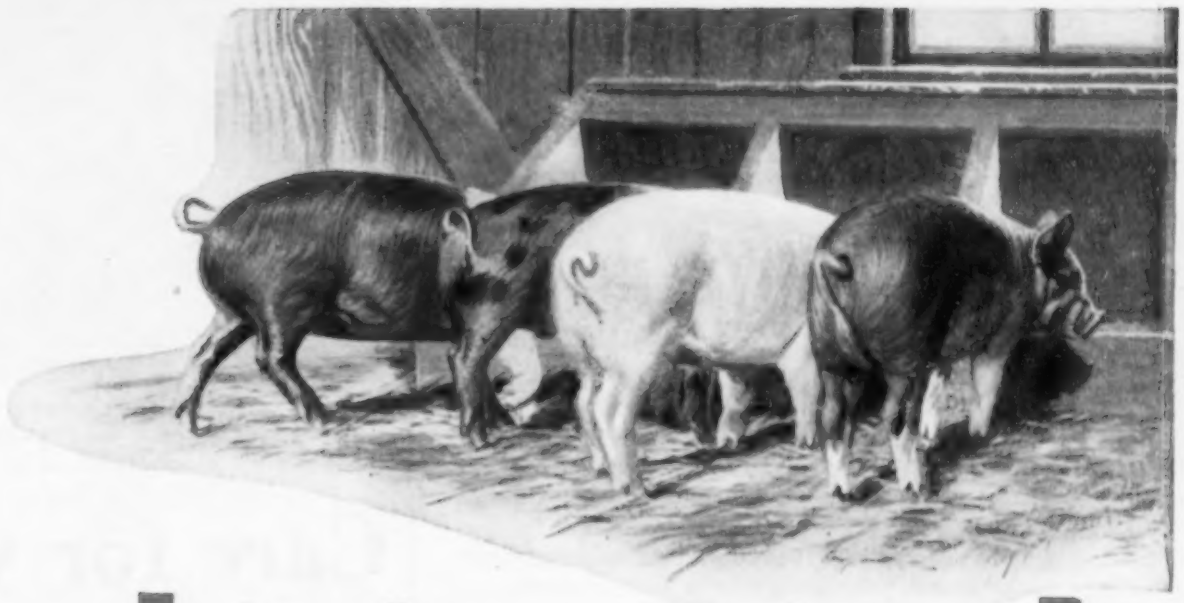
"This is what I promised you..."

"I told you, months ago, that all kinds of studies and tests were being made to *find out how farmers could get the most out of the feed we eat.*

"NOW... I'm ready with my story. Please look at the table of recommendations on the page over there . . . it tells *what we need every day to give us good health and fast, economical growth.*

"Because we'll put on such good gains at less cost per pound of gain – you'll be *repaid many times over* for the little extra you pay per ton of feed.

"P.S. Two weeks from now there'll be an ad in here on '*invisible* diseases.' I hope you'll read it because that's something that bothers pigs and you ought to know about it."



stop losing pigs!

Give them the right amount of the right antibiotic in the right feed every day

. . . the world's greatest disease-fighter:

AUREOMYCIN®

CHLORTETRACYCLINE

The right amount each day helps keep disease away!

Right now, your spring pigs are asking for something *extra.* It's extra protection – against stress, against scouring, against diseases you can't even *see.*

How you protect them *now* has a lot to do with the money you're going to make on your hogs this year.

Give them what they need – with a strongly-fortified, complete feed that's packed with the *right* amount of the *right* antibiotic. Not just *any* antibiotic, but the world's greatest disease-fighter: AUREOMYCIN Chlortetracycline.

Remember – the primary function of an antibiotic is to destroy harmful bacteria and prevent disease. The better an antibiotic does this job – the healthier your pigs, the faster they grow, the less they eat per pound of gain. No antibiotic does this job so well as AUREOMYCIN!

The table below tells you the *right* amount of AUREOMYCIN your pigs *should receive each day* throughout their lives:

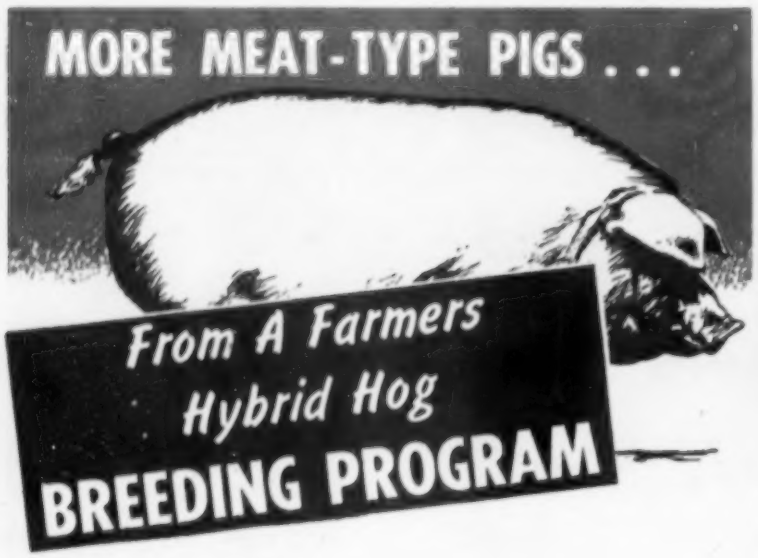
Weight of Pig	AUREOMYCIN Chlortetracycline your pigs should receive	AUREOMYCIN Chlortetracycline per ton of Complete Feed
Up to 35 lbs.	1.5 milligrams *daily* per pound of body weight	100 grams
35 lbs. to 75 lbs.	1.5 milligrams *daily* per pound of body weight (*Continue this level to market, if disease is observed in herd)	50 grams*
75 lbs. to market	0.5 milligram *daily* per pound of body weight	20 grams

Your feed manufacturer or feed mixer can supply you with feeds and supplements that meet these requirements. See him.

"Look for me! When I'm on a tag, you know it's in the bag—
AUREOMYCIN"

CYANAMID | AMERICAN CYANAMID COMPANY | ANIMAL FEED DEPARTMENT | 30 ROCKEFELLER PLAZA, NEW YORK, N. Y.

MORE MEAT-TYPE PIGS . . .



Why be satisfied with 15 to 20 per cent meat-type hogs when you can be producing up to 75% or more meat-type pigs with Farmers Hybrid Hog breeding program. (Marketing at proper weight is important.)
Research proves meat-type hogs will gain faster and more economically than lardy type—IF THEY ARE BRED RIGHT.

FARMERS HYBRID HOGS are bred to produce more lean meat at lower cost.

Your gilts are part of the process of hybridizing your hog herd on your farm. Select meat-type gilts. When they are bred to the genetically correct Farmers Hybrid Boar they will produce pigs that will yield more meat-type carcasses when full fed a well balanced cornbelt ration.

Here's what Milton Griffel,
Grand Meadow, Minnesota, says:

"I have used the Farmers Hybrid Hog Breeding Program since 1947. My hogs, marketed on grade and yield, averaged 60 cents per hundred over top market price for the day. I have received as much as $1.35 more per hundred on this basis."

Julian A. Wadle, Fonda, Iowa, says:

"My hogs raised under the Farmers Hybrid Hog Breeding Program have consistently placed in the top two or three places when sold on the grade and yield basis. I am really proud of my hogs and plan to keep up this fine breeding program."

The first commercial producers of Hybrid Hogs in the world.

FARMERS HYBRID HOGS HAMPTON, IOWA

See your local dealer or mail coupon for more information

FARMERS HYBRID HOGS,
Hampton, Iowa

Please mail me your free literature telling what Farmers Hybrid Hogs can do for my profits.

Name .....

R. R. ..... Town .....

County ..... Township .....

State .....

Your grain drill is valuable equipment. It lets you do a better job of seeding. Compared to broadcasting, this usually means an increase in small grain yields.

Care for your grain drill

Want longer life and better service from your drill? Then check up on points listed here

GRAIN drills are increasing in popularity. They let you use less seed per acre, and do a more even job of seeding.

As with most machines, there are things you can do at both the beginning and the end of the season to reduce maintenance expense and costly "down" time.

Here are some things to check before you use your grain drill.

1. Revolve the grain feed shaft and grass seed feed shaft several revolutions with a wrench.

If any of these shafts are stuck, drive parts may break if you move the drill. Pour kerosene over feeds that are stuck. This helps loosen them.

2. Lubrication is a key point. Go over the drill, wiping off dirt and old grease. Then oil and grease thoroly. Saturate drive chain with oil.

3. Remove and clean all grain and grass seed tubes. This is one of the many little things that means trouble-free operation.

4. Adjust for the crop you'll plant. Also for seeding rate. Check and tighten nuts and bolts. Spread cotter pins.

5. Go over the fertilizer attachment in the same manner as the seeder portions of the drill.

When you use the drill, avoid letting it roll backward once it is in the ground. This can clog the boots so that the seed can't get to the soil.

If your drill has a land measuring device, use it to set seeding rate. For answers to specific problems, consult your operator's manual, or your dealer.

After you are finished seeding, go over the drill again.

Clean it. Look for worn or broken parts. Thoroly grease it, including heavy grease on the furrow openers.

It will save time if you make a list of needed parts. Get the parts, and install them later when your time is less valuable. Then your drill will be ready to go next time you want it.

Remove the grain, grass and fertilizer tubes. Clean, dip in kerosene, and place on drill or store in hopper.

Take apart the furrow openers. Clean the bearings with kerosene.

Next, trip the lift and allow the discs to drop on a board. This relieves the tension on the press springs. And the board keeps the discs off the ground.

Drop the gate, and clean dirt and unused seed out of the bottom of the feed. Use kerosene on the feeds to remove dirt and to prevent rusting.

After the feeds have been cleaned, put the gates in position which will be used on the next crop to be drilled.

Remove, clean and lubricate the land measuring device, and set it at zero when you put it back together again.

Clean and thoroly lubricate the power lift. Make sure that all gears and chains are clean and well oiled to prevent rusting.

Proper attention to your drill means a longer life and fewer repairs. It will save time in a busy season, too.

Puzzled By Death Of His Calves

To the Editor: Can you tell me what is wrong with our calves? The calves get thin, become constipated, then die. They have no fever. Death is usually at six to eight weeks. The vet doesn't seem to know what the trouble is.—N. M., Mitchell county, Iowa.

You don't give much to go on. But leptospirosis does give similar symptoms, altho this would have to be confirmed by a laboratory diagnosis.

Also, the deaths of your calves could be due to a virus pneumonia, malnutrition, or other causes.

Better get the next calf that dies to the closest laboratory for a diagnosis. The Veterinary Diagnostic Laboratory at Iowa State College could help your veterinarian make a diagnosis.

THE NEW BONUS-POWERED INTERNATIONAL CRAWLERS

... GIVE YOU NEW TIME-SAVING, ALL-WEATHER TRACTION, NEW "EASY CHAIR" COMFORT, NEW BUDGET-BOSSING PLOW-POWER!

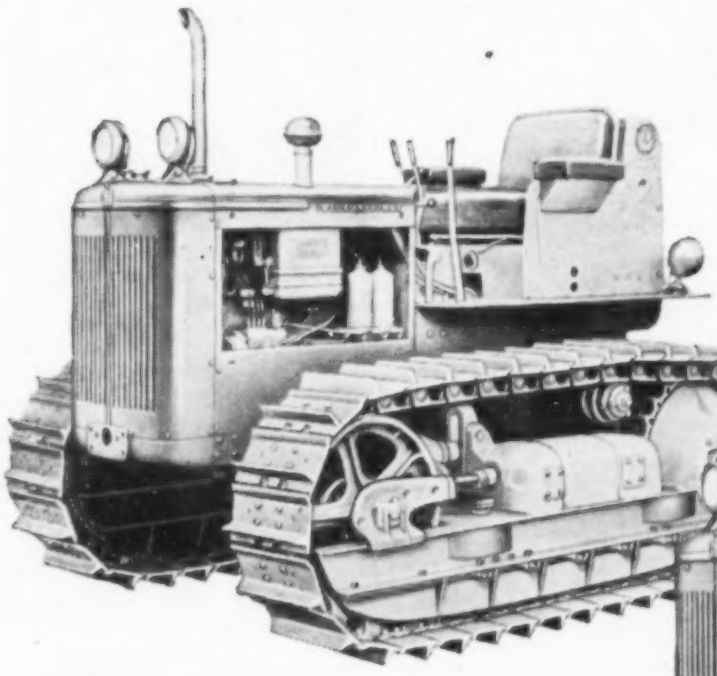
Now, the International TD-6 and TD-9 give you heavy-duty engine power, live-action traction weight, reserve power-train and track-frame strength to step up into the next bigger "plow-power" rating!

Now, under average farming conditions, the new bonus-powered International TD-6 Crawler is a full 5-plow tractor—the new TD-9 joins the 6-plow class! This means, too, that the TD-6, for example, can handle a big 20-foot hitch of tandem disk, on plowed ground or stubble—in third speed or faster!

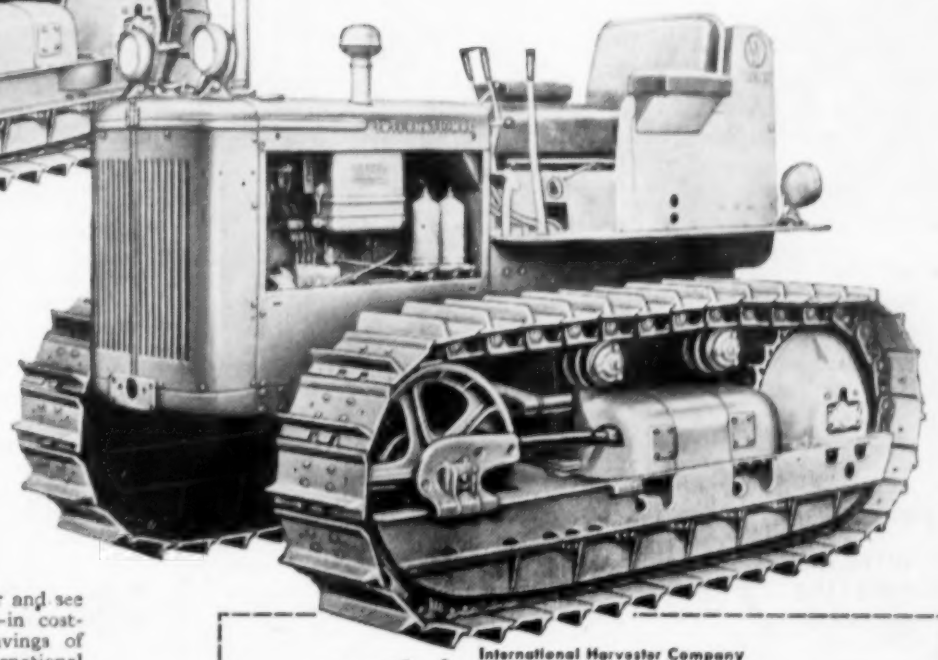
Big savings of minutes, money, muscle!

You start a bonus-powered International diesel crawler on the job, *seconds-fast*—with "push-button" ease of exclusive, gasoline-conversion starting. In quickly adjusted, "easy chair" comfort, you command this budget-bossing power, with great *savings* of muscle effort!

International's new power-holding, heat-defying, long lasting Cerametallic clutch facings cut engaging effort 50%! New steering clutch "boosters" make tractor operation easy. Even routine servicing time and effort are 'way down—because of such advances as the new 480-hour lube oil filters!



TD-6 diesel, 41.5 drawbar hp, up 24%! *New-size performance at similar to old-size price!* Weighs 8,700 pounds. Also available is the 41.5 hp T-6 gasoline model. Comes with 4 or 5-roller track frames, to match your soil and terrain!

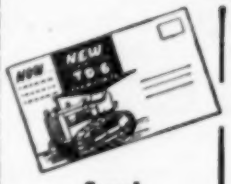


TD-9 diesel, 54.5 drawbar hp, up 32%! Now in a new heavy-duty job-range! Weighs in at 11,745 live-action pounds. Features operating ease and "easy chair" comfort to give you new high-efficiency farming!

Load up a new International diesel crawler and see what bonus-powered performance means—in cost-cutting, help-saving work-capacity—in savings of 60% to 80% with diesel fuel—in exclusive International operating ease. Test its full-power, all-weather traction—prove its money-making advantages over anything else on tracks. See your nearby IH dealer for a demonstration!

INTERNATIONAL HARVESTER

International Harvester products pay for themselves in use—McCormick Farm Equipment and Farmall Tractors ... Motor Trucks ... Crawler and Utility Tractors and Power Units—General Office, Chicago 1, Illinois.



Send for FREE Facts

International Harvester Company
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Chicago 80, Illinois

Please send me free material checked:

☐ New Bonus-Powered International TD-6 Crawler specification folder

☐ New Bonus-Powered International TD-9 Crawler specification folder

Name _____ ☐ Student

Address _____

P. O. _____ State _____

My IH dealer is _____

New

HOMELITE

EZ Direct Drive CHAIN SAW

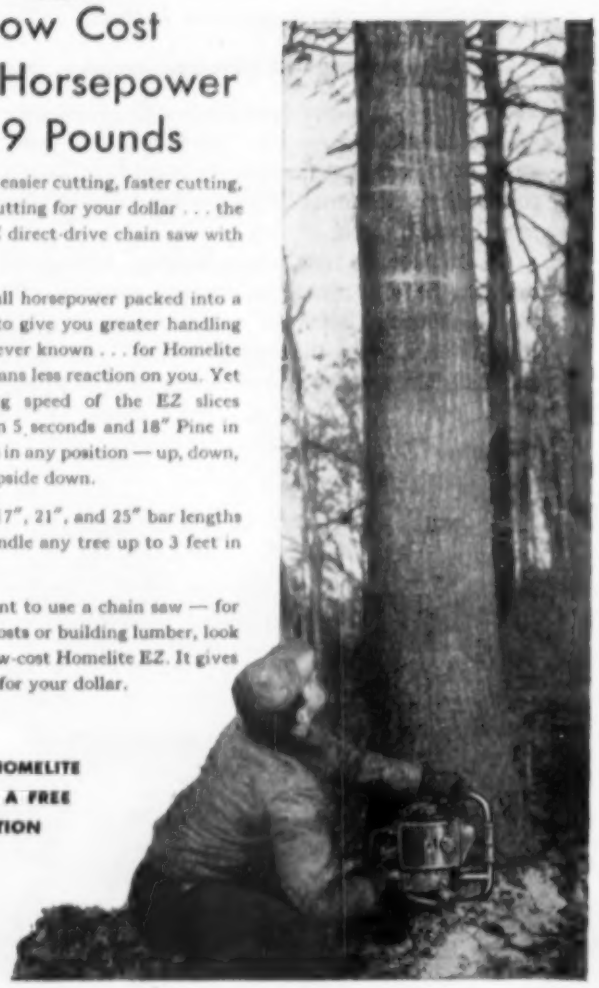
New Low Cost
Full 5 Horsepower
Only 19 Pounds

Here's the way to easier cutting, faster cutting, more profitable cutting for your dollar . . . the new Homelite EZ direct-drive chain saw with floating power.

Now you get 5 full horsepower packed into a light 19 pounds, to give you greater handling ease than you've ever known . . . for Homelite floating power means less reaction on you. Yet the faster cutting speed of the EZ slices through 8" Oak in 5 seconds and 18" Pine in 14 seconds. It cuts in any position — up, down, right, left, even upside down.

With a choice of 17", 21", and 25" bar lengths you can easily handle any tree up to 3 feet in diameter.

Wherever you want to use a chain saw — for cash crop, fence posts or building lumber, look *first* at the new low-cost Homelite EZ. It gives you more cutting for your dollar.



ASK YOUR HOMELITE DEALER FOR A FREE DEMONSTRATION TODAY!

ASK HIM, TOO, ABOUT THE CONVENIENT TIME PAYMENT PLAN

WIN A HOMELITE EZ FREE!

24 Homelite EZ chain saws being given away each month. Nothing to buy. Nothing to write. No obligation. Just ask your dealer how you can win. See him today!

A COMPLETE LINE OF CHAIN SAWS FOR EVERY CUTTING JOB

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3304 RIVERDALE AVE., PORT CHESTER, N. Y.
A DIVISION OF TEXTRON AMERICAN, INC.

MANUFACTURERS OF CARRYABLE CHAIN SAWS • PUMPS • GENERATORS • BLOWERS

Master Farmers for 1955

Whitfield Adamson, Cherokee county

At 55, Adamson has been farming about 30 years. He owns 1,200 acres in Cherokee county, tho he operates only 720.

Adamson

Adamson feeds 200-300 steers each year and 400-600 lambs. He raises from 400-500 hogs a year.

Community activities of Adamson include serving as township Farm Bureau director, as FHA director, on the board of the Northwest Iowa Experimental Farm, and in various offices in the Cherokee county Farm Bureau. He helped organize the Cherokee Rural Fire Protection Association and has served as secretary and director.

The Adamsons have three children.

Alvin Christiansen, Mitchell county

Like several of the other Master Farmers for 1955, Alvin Christiansen started out as a hired man. Now he is 51 and has been farming 28 years. He owns 520 acres, operates 360.

Christiansen

Christiansen usually feeds about 150 calves each year. He raises from 275 to 300 hogs yearly.

Among Christiansen's community activities are service as a county supervisor, township Farm Bureau director, county Farm Bureau president, director and president of the county swine improvement association, president of the Mitchell county fair, and 17 years as a 4-H club leader.

In his church, Christiansen has served as a trustee and Sunday school teacher.

The Christiansens have two children.

Wayne E. Norman, Washington county

Wayne Norman is another of the new Master Farmers who started out as a hired man. Now at 54, he owns 329 acres and operates a total of 409 acres. Norman, his married son William, and a married hired hand operate the 409 acres.

Norman

Norman usually feeds about 100 head of cattle each year. He raises about 450 hogs each year.

Norman's community activities include serving as township committeeman on the original AAA program, four years on the county AAA with three years as chairman, school board for 10 years, township Farm Bureau director, township trustee, 4-H club leader, six years on the county 4-H committee, township Republican chairman, and chairman of the Washington county Republicans.

The Normans have two sons.

Harold Opsand, Clayton county

Opsand came to Clayton county in 1908 as an immigrant youth from Norway. For four years, he worked as a hired hand in the community where he now lives. In 1912, he started farming for himself. In 1917, he bought a 168-acre farm.

Opsand

Opsand is now 65. He lives in a house on one acre of his farm. He sold the other 167 acres to a son-in-law several years ago.

Thru the years, Opsand developed an outstanding Holstein herd. Dairy cattle and hogs were his main source of income.

Opsand has been director of his local school board, member of the board and president of the Gunder cheese factory, president of the Elgin Farmers Cooperative, DHIA director, and an officer in the local telephone company.

In the local Lutheran church, Opsand has served as trustee and president of the congregation.

Mr. Opsand has five daughters.

Ivan Slater, Webster county

At 58, Ivan Slater is semi-retired. His son, Daniel, is now operating the farm in partnership with his father. Slater farmed for about 35 years. Main livestock enterprises were cattle and hogs.

Slater

Slater came from Indiana to Iowa in 1915 and worked as a hired hand in the Dayton community for the next six years. He started farming for himself in 1921.

Slater has a long list of community activities. He has been county Farm Bureau president, county PMA chairman, FHA director, soil conservation service district commissioner. He has served on the local co-op elevator board, on the county 4-H committee, has been a bank director for about 15 years and has been active in his church.

The Slaters have one son.

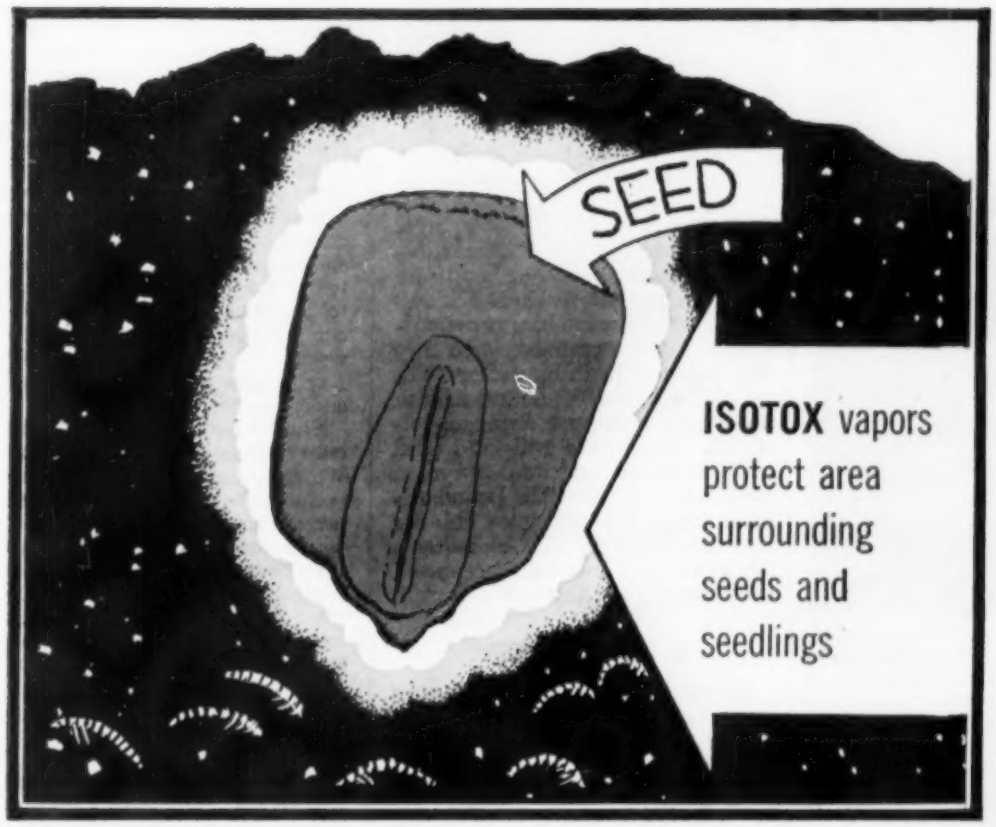
Insure against wireworms for only 16¢ per acre

ISOTOX 25 Seed Treater F controls wireworms, seed corn maggots, and other soil insects—also gives added disease protection at planting time

It's the most effective and economical seed treatment you can buy! For only about 16¢ per acre ISOTOX 25 Seed Treater F gives you *dollars upon dollars* of crop protection from wireworms, seed corn maggots. Also gives added disease protection to seeds previously treated with fungicide.

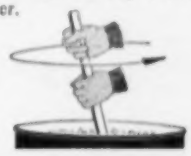
Millions of acres have been treated with ISOTOX Seed Treater during the past six years, proving to thousands of farmers that ISOTOX brings top germination...insures bigger yields, healthier stands... saves "extra" seed costs...saves time and labor of replanting due to insect damage. Last planting season, more than 20,000 *new* farmer users specified ISOTOX 25 Seed Treater F.

For low-cost "life insurance" for your crops—insist on ISOTOX—the pioneer seed treater—designed exclusively for seed treatment. Recommended for corn, soybeans, beans, cotton and many other crops.



Protects throughout early growth stage. The vapors given off by ISOTOX 25 Seed Treater F saturate soil surrounding seed, and are retained by the soil, protecting seeds during the germinating period. ISOTOX 25 Seed Treater F kills soil insects 3 ways—by stomach action, vapor action and contact action.

Easy to use. Just measure out the amount of ISOTOX 25 Seed Treater F specified on label. Mix with seed in planter box or any convenient container.

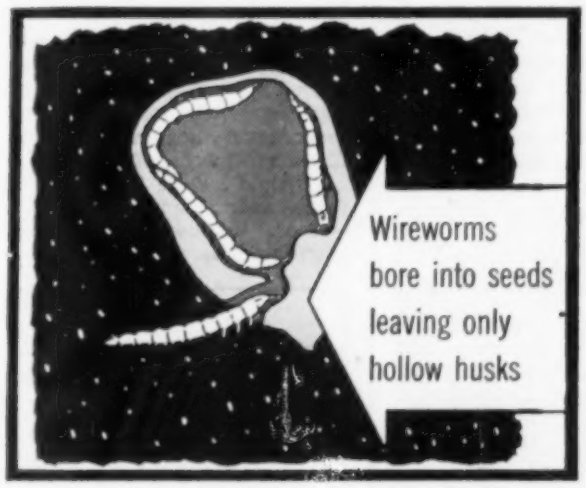


T.M.'S REG. U.S. PAT. OFF.: ORTHO, ISOTOX

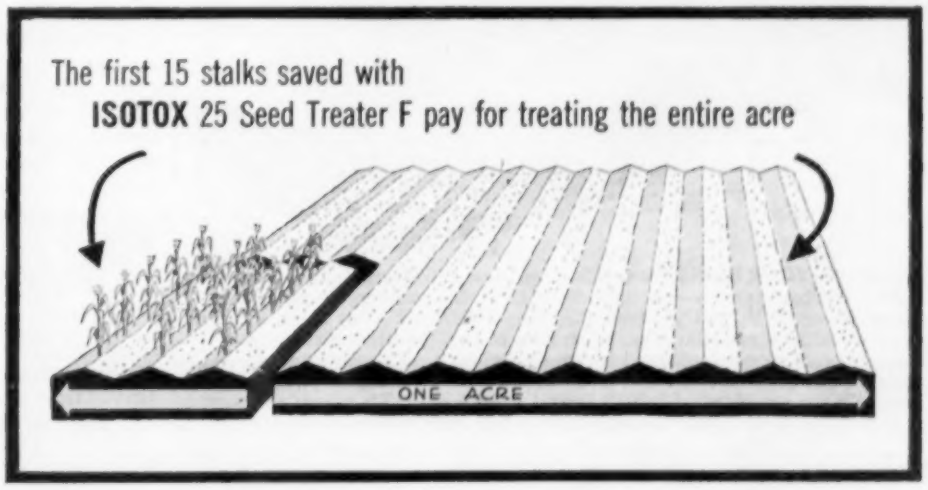
World leader in scientific pest control

ORTHO
SCIENTIFIC PEST CONTROL

CALIFORNIA SPRAY-CHEMICAL Corp.
P. O. Box 129
Maryland Heights, Missouri



They attack both seedlings and older plants. Wireworms are tough, yellow-brown larvae that have a long cycle life in the soil—2 to 5 years. Seed corn maggots are white—smaller in size. Both species destroy the germ of untreated seeds so that seed is entirely unproductive.



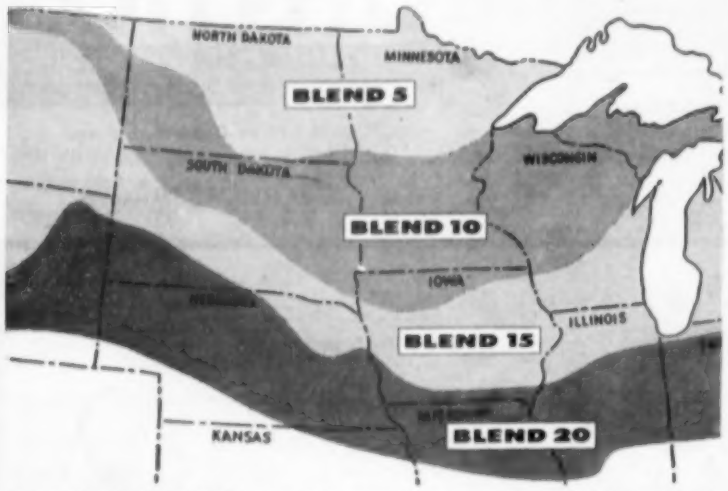
Gives low-cost, high-value protection. On corn, the first 15 stalks you save actually pay the cost of treating the entire acre. So effective and economical has ISOTOX proved, that last year more than 20,000 *new* farmer users specified ISOTOX 25 Seed Treater F.

On all chemicals, read directions and cautions before use.

FULL EXTRA HAY CUTTING FROM NEW ALFALFA BLEND

...helped this farmer get more from every acre

THIRD CUTTING of fine-stemmed, leafy hay is taken by Howard Uttech from his field of 919 Brand Alfalfa. Note the thick, tall, healthy stand during this first hay year. Any wonder farmers get more from every acre with this product of Northrup King Seed Research?



CHOOSE YOUR BLEND from this map. New 919 Brand Alfalfa comes in four different blends—each made to meet the growing conditions of a specific area. With this *Area-Blending* Northrup King takes the risk out of alfalfa seed buying. With 919 Brand Alfalfa you're sure that you're getting seed adapted to your area! You no longer must guess at the origin or variety to use. Only those alfalfas suited to your growing conditions are blended in 919 Brand Alfalfa seed. Thus you're assured of consistent performance and high yields each time you seed.

Looking for extra bales of clean, leafy hay? Need a pasture that's able to carry more animals longer? Then check on the results that farmers like Howard Uttech are getting from their fields of 919 Brand Alfalfa.

BEATS OTHER ALFALFA

Last year on his 240 acre farm, Uttech compared 919 Brand Alfalfa against another popular alfalfa. What did he find? His 919 Brand Alfalfa gave him three cuttings of hay— compared with only two cuttings from his other field. In addition, his 919 Brand Alfalfa had less leaf hopper damage, tolerated the drouth well, and held both its leaves and its deep green color better. "This 919 Brand Alfalfa is doing a real good job for me" says Uttech. "I'll be using a lot more of it this year because I need lots of good hay and pasture."

5 WAYS BETTER

Farmer after farmer last year got better catches, thicker stands, higher yields of hay or pasture with this Northrup King blend of northern-grown, hardy alfalfa seed. Here are five big reasons why this new seed product helps farmers all through this area get more from every acre. Only 919 Brand Alfalfa seed offers you these five important advantages: (1) *Wes-Gro Processed* to improve germination. (2) *Fungicide Treated* to increase stands and yields. (3) higher *Guaranteed Analysis* . . . than regularly found with other brands of ordinary alfalfa. (4) *Area Blended* to give better crops in your own growing area. (5) *Disease Resistance*—giving more protection against crop-destroying diseases than ordinary alfalfa.

SOLD ONLY BY NK

You'll want high-yielding 919 Brand Alfalfa seed for your two to three year hay or pasture fields. Buy it now from your local Northrup King dealer.

Get more from every acre with products of **NORTHRUP KING SEED RESEARCH**

919 BRAND ALFALFA

NORTHRUP, KING & CO.

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Voice of the Farm

Cheap Corn—Cheap Hogs

To the Editor: When Secretary Benson announced an 18-cent drop in corn supports for 1956, he automatically cut prospective hog prices by 11½ percent. Every farmer knows about the corn-hog ratio. Cheaper corn means cheaper hogs.—H. S. Pitstick, California (formerly of Humboldt county, Iowa).

Spiritual Guidance From Benson?

To the Editor: I braved a snow storm to hear Mr. Benson in Austin, Minn. The man is an evangelist—and does not understand the farmers' problems.

Mr. Benson gave a eulogy about Mr. Eisenhower and his character. And how we must build character on the farm thru thrift and conservatism.

Mr. Benson gave us nothing definite—just broad statements and innuendos—always referring to our spiritual needs. He seems to be much more interested in our spiritual than our economic welfare. I go to my own church. I need none of his guidance and advice on spiritual matters.

But our pious secretary of agriculture is not entirely to blame. We should give credit to his superior, also some of our so-called farm organizations . . . and our representatives and senators from Iowa who wish us to have a flexible farm program—while they enjoy fixed incomes plus expense accounts.—Robert M. Byrne, Pocahontas county, Iowa.

He Cut Back Fall Pigs

To the Editor: I am reading the article, "This year's market hogs to exceed 1955." The thing I am thinking of is the following statement:

"The fall pig crop now on farms is 12 percent above last year. These pigs will go to market in the first half of this year."

This forecasts a lower hog price. What is unjust is that my fall pig crop is just one-half of last year's crop. But I will have to market my hogs along side the 12 percent increased pig crop.

I should have a liberal award for my reduction in fall pig crop. —Chas. Steiner, Washington county, Iowa.

"Now I remember what I forgot in town—the children."

"I've never seen a morning as cold as this, Ma. The milk froze before it hit the pail."

Political Ads Get Comment

To the Editor: Every radio station one listens to carries advertising asking people to "Help Eisenhower pass the new farm program."

These advertisements are sponsored by the national Republican senatorial and congressional committees. What excites my curiosity is: How much has been or will be spent on this pressure advertising campaign? — L. E. Fay, Greene county, Iowa.

"Closed Shop" For Farmers?

To the Editor: . . . . Labor is battling for the farmer. Yet we find many farmers who deplore the advantages gained by labor —and seemingly are not taking into account the fact that they would have a tough time getting rid of their products if labor were too poor to get into the economic picture.

. . . . We used to insist that every man had a right to work, which is basically right. But so long as we adhered to that theory alone, we had a lot of awfully poor laboring men. As consumers of goods, they were out of the picture.

So long as we insist that everyone has the right to farm to the utmost of his ability—and even tax him for (money to pay salaries of) experts to help him—then we are due for bad times.

Call it a "closed shop" if you will. But that is the kind of economy we are living in. You can't control the price unless you can control the amount of stuff that is put on the market.—C. E. Smith, Henry county, Iowa.

Calls For More Cooperation

To the Editor: Don't cuss President Eisenhower and Secretary Benson. Let's all work with them. Let's cooperate.—Vernon Stichter, Jo Davies county, Illinois.

Lost Lots Of Good Farmers

To the Editor: We have lost a lot of our good farmers this year thru no fault of their own. If something isn't done, we will lose more of them in the coming year.

The soil bank is too slow. We need 100 percent of parity right away—Truman Faas, Iowa county, Iowa.

BLENN PRODUCES MORE

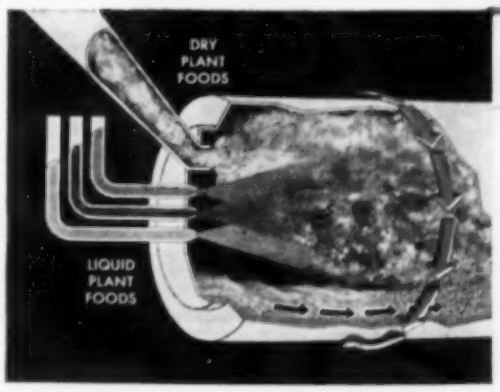
Prove it on your own farm!

Select a good field. Use a liberal amount of **Blenn** on at least half the field. On the other half, use any fertility program of your choice. At harvest time, measure the difference!

Like thousands of farmers already know from experience, you will discover that **Blenn** produces extra bushels—it raises your yield-standard!

There are two big reasons why **Blenn** has what it takes to produce bumper yields: (1) **Blenn** supplements the natural nutrients in your soil so that your crops have *every single* element needed for the biggest yield you have ever produced, (2) Swift's new FLO-FUSION process packs every particle of **Blenn** with fertility—assuring *balanced* feeding of every plant.

Your investment in plant food is so important it pays to get the latest and best. Try Swift's chemically-hitched **Blenn** this year—raise the yield-standard of your farm.



High-quality liquid plant foods are injected into dry materials in a revolving FLO-FUSION processing chamber at Swift's Plants. Millions of individual chemical reactions convert raw materials into chemically-hitched plant food, drying the particles as they are formed. You get the benefit of this FLO-FUSION process only at Swift Plants throughout the nation.

SWIFT & COMPANY
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GUARANTEED TO BE THE MOST COMFORTABLE WORK CLOTHING YOU'VE EVER WORN OR YOUR MONEY BACK!

Super Flint

Super Flint Work Wear must be good, because they're guaranteed to be the most comfortable. Wear any Super Flint garment for one week, and if you don't agree it's the most comfortable, your money will be refunded. All Super Flint work wear are backed by almost 100 years of experience and craftsmanship in making fine clothing. Easy to wash and Sanforized to prevent shrinkage. Ask your dealer about the complete line of Super Flint today. *All Super Flint overalls feature "Wear Ease" elastic suspenders.*

"WEAR EASE" . . . suspenders "lasts the life of the garment". Wear Super Flint with "Wear Ease"—it's the suspender that makes Super Flint overalls comfortable. Light as a feather on your shoulder and never binding.

Manufacturers of Quality Work Wear for Almost 100 Years

Super Flint

by SCHRAMM & SCHMIEG CO., Burlington, Iowa

fence 6 times at one time

with DIERKS PRESSURE-TREATED FENCE POSTS!

Dierks pressure-treated fence posts last up to six times as long as untreated posts!

Take your choice of creosote or Penta treatment, but always look for the aluminum tag with the big "D" on the end of every genuine Dierks pressure-treated fence post! The big "D" is your guarantee of a service life of up to 30 years or more!

See your lumber dealer!

Dierks Forests, Inc.

Dierks Bldg., 1006 Grand Room 722 Kansas City, Mo.

Mitchell county's first Master Farmer, Alvin Christiansen, started out as a hired man. He raises 275 to 300 hogs each year, has been active in Farm Bureau, the county swine improvement association and in church and 4-H club work.

He came to this country from Norway as a youth. He's Harold Opsand, Clayton county, Iowa. A few years ago, this new Master Farmer built a house on one acre of his farm and sold the remainder to a son-in-law. As a hobby, Opsand builds furniture and hobby horses like these.

Name five new Master Farmers

BACK in 1926, this publication started the program of honoring Iowa farmers for their achievements in agriculture and good citizenship.

That year, 14 men were named Iowa Master Farmers. The five men shown here have just received the Master Farmer award for 1955.

How were they selected? A good many people helped. First came nominations for the award. From all parts of Iowa, farmers were nominated by fellow farmers or by men working with farmers.

Along with the nomination came a score card. This covers three areas of farm activity—"Good farming, clear thinking, and right living." Often, several

(Continued on next page)

Cherokee county's first Master Farmer, Whitfield Adamson, is shown with his son, Darrell, who is farming with his father. Adamson's relations with his hired men have been unique. Some have stayed with him as long as 14 years. This year, two former hired men started farming for themselves on farms they are renting from Adamson. He has also helped two other former hired men start farming.

It's appropriate that this picture of Wayne Norman, Washington county's new Master Farmer, was taken in a corn field. In his younger days, Norman competed in cornhusking contests up to the state level. He raises hybrid seed corn in addition to raising hogs and feeding cattle.

people nominate the same farmer.

A Wallaces' Farmer and Iowa Homestead editor checked on each nominee's farm operations, talked with the nominee's neighbors, and filed a report for the panel of judges.

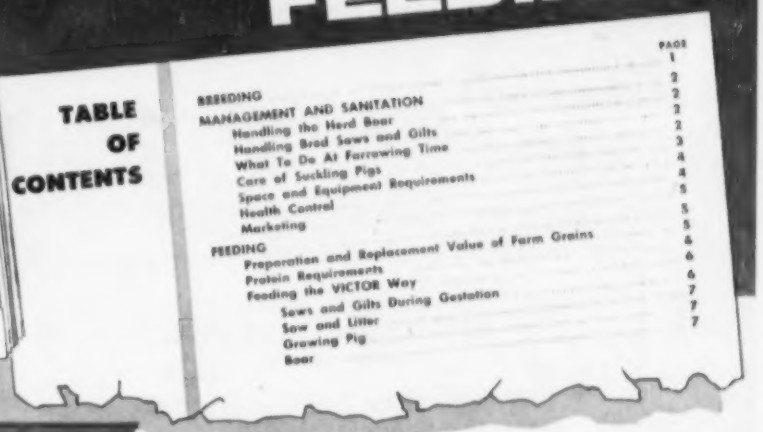
This year, the judges were Clyde Spry, Iowa secretary of agriculture; Dr. William G. Murray, department of agricultural economics, Iowa State College; G. D. Bellman, Indianola, president of the Iowa Master Farmer Club, and Arthur T. Thompson, editor of Wallaces' Farmer and Iowa Homestead.

These judges decided that the five men pictured here deserved the Master Farmer award.

Tho he is now semi-retired, Ivan Slater, new Master Farmer from Webster county, spends a lot of time on the farm that his son, Donald, now operates. Slater worked as a hired man six years in southern Webster county before starting to farm for himself. Now he owns 580 acres including some river bottom pasture.

BREEDING
MANAGEMENT
SANITATION
FEEDING

TABLE OF CONTENTS



ONLY VICTOR GIVES YOU THIS COMPLETE
HOG FEEDING PROGRAM

Your VICTOR dealer offers you more — *MUCH* more — than a complete line of proved-on-the-farm QUALITY HOG FEEDS. When you feed your hogs VICTOR HOG FEEDS — from suckling pigs to market-weight hogs . . . you get *a complete feeding program.* The latest research developments in profitable hog production are available to you . . . for breeding, feeding, management, sanitation. Feed for best profits this year — feed VICTOR HOG FEEDS and follow the COMPLETE VICTOR HOG FEEDING PROGRAM.

EVERYTHING YOUR HOGS NEED TO *SPEED UP* DAILY GAINS

VICTOR
COMPLETE HOG FEED

If you can put on 100 lbs. of quality hog gain with only 300 lbs. of a *complete hog feed* — you would call that money-making hog raising, wouldn't you?

That's exactly what many raisers have been doing for years — with VICTOR COMPLETE HOG FEED.

When you feed your hogs VICTOR COMPLETE HOG FEED — *there's nothing else to feed.* There's no guesswork.

You KNOW your hogs are getting a complete, properly balanced ration. Because VICTOR COMPLETE HOG FEED is so palatable — your hogs will eat all they need.

So — feed for FAST daily hog gains — the proved, easy, low-cost way. Feed YOUR hogs VICTOR COMPLETE HOG FEED. There is a VICTOR dealer near you. See him today.

If you want to feed your hogs an ideal supplement with corn . . . put them on one of the
VICTOR HOG SUPPLEMENTS

FREE NEW VICTOR HOG PROFITS GUIDE
Ask Your Victor Dealer Or Write To Us

THE CRETE MILLS *A Division of Lesher Grain Co.* CRETE, NEBRASKA

FORD MOUNTED
Side Delivery Rake

FULLY MOUNTED
for easier raking

Here's the easiest handling rake you've ever seen!

It takes only a few minutes to attach the Ford Mounted Side Delivery Rake to any Ford Tractor; then you can just "pick it up and go." Nothing to slow you down when going to and from the field. And when raking, you can quickly lift the rake over obstructions . . . make short turns without cramping . . . rake cleaner on the curves . . . back into tight spots easily. But that's not all.

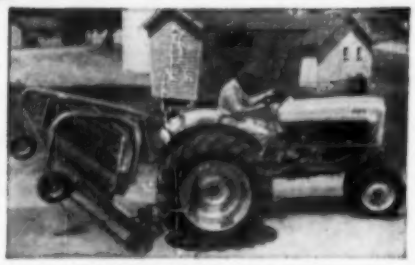
Gentle Raking Action Saves Leaves. **The Ford Side Delivery Rake moves hay a shorter distance from swath to windrow than ordinary side rakes. There's less whipping, less tossing of hay. It handles hay *gently* while you rake at faster speeds. And its extra width gets all the hay with ease, placing the raked hay on top of the stubble for faster curing.**

Two-Speed Drive, Tractor Powered. **In addition, this rake is PTO-operated and it has a two-speed drive—use tractor high gear for most raking or the next lower gear for dry hay and rough ground. By raking faster where conditions permit, you save valuable time, prevent over-bleaching of the hay and get your hay out of the weather sooner.**

Sealed Bearings Lubricated for Life. **You save time and bother "greasing up," too—there are only four grease fittings to be serviced on the entire rake. The tooth bars run on ball bearings and they are sealed for life. It's the smoothest running rake you've ever seen!**

You'll Have to See It! **And there's much more—such as the exclusive four-blade rotor that strips hay cleaner, replacing the usual stripper bars. So stop in and see the mounted Ford Rake at your Ford Tractor and Implement Dealer's. Look over the new, smooth-running Ford Mowers, too. Then try them on your own farm without obligation. Find out for yourself how much *easier* and *faster* hay making can be!**

Tractor and Implement Division, Ford Motor Company, Birmingham, Michigan.



Gets to the field fast. **Notice how this rake is carried by the tractor—nothing drags behind to slow you down. That's why you can travel to and from the field at faster tractor speeds. And since no part of the rake touches the ground, the entire rake is protected from the severe shaking, wobble and vibration to which pulled rakes are subjected on the road.**

Lifts over rocks **or other obstructions, at the touch of your finger. When raking, the mounted Ford Rake can be raised instantly to clear rocks or other obstructions. Simply move the handy Touch Control lever—Ford Tractor hydraulic power does the rest. Here's extra protection against rock damage, extra convenience, too. And backing is no problem—this mounted rake cannot jackknife or cramp. Handles easily at all times!**

Ford Farming
IS NEW DAY FARMING

QUIPS AND QUOTES

MANY A GIRL has dropped her eyes and picked up a husband. Danbury Review.

HAPPINESS IS SOMETHING like potato salad—share it with others, and you have a picnic.—Schaller Herald.

IF AT FIRST you don't succeed, try and try again. Then quit. There's no use being mule-headed.—Adair News.

A TELEPHONE POLE never hits an auto except in self defense Rolfe Arrow.

IF ONE WOULD be successful in the future, let him make the most of the present. Mary Baker Eddy.—Altoona Democrat.

THE VILLAGE CYNIC says that a loud and disorderly party is the one next door to which you were not invited.—Grundy Register

TROUBLE WITH LENDING your ears is you never know what's going to be poured into them till it's too late.—Kossuth County Advance.

OUR BARBER TELLS us that a woman is the only being that can skin a wolf and get a mink out of the job.—The Reinbeck Courier.

THE OLD TIMER sez: If you persistently drive with your head in the clouds, you are likely to find a home there'—Adair County Free Press.

MANY A MAN'S idea of charity is to give unto others the advice he can't use himself.—Laurens Sun.

BEING "IN THE MOOD" makes a heap of difference as to a job being half done, or well done. —Columbus Gazette.

A CONSERVATIVE thinks nothing should be done for the first time.—Sioux Rapids Bulletin-Press.

CAREER GIRL—one who prefers plots and plans to pots and pans.—Iowa Farm Equipment Retailer.

BEST WAY TO STOP the noise in your car is to let her drive. Lake Mills Graphic.

"It's a young couple just getting started."

"You take the tractor in to the repair shop. When I take it, they always have a couple of days work ahead."

Eradicate brucellosis by 1960

This winter, Dr. John B. Herrick, Iowa State College extension veterinarian, met with the National Brucellosis Committee in Chicago. That committee represents all major livestock interests in the country. Here is Dr. Herrick's report on the brucellosis problem and brucellosis legislation.

BY 1960, all states should be modified accredited areas in the fight to control and eradicate brucellosis. That's the target date set by the National Brucellosis Committee.

In the past few years, tremendous progress has been made in the fight against brucellosis. Federal aid has supplemented state funds in this control effort.

Some western states like Washington and Montana hope to be accredited by next year. (Accredited means less than one-half of one percent infection.)

Wisconsin, Minnesota, Maine, North Carolina, and many other states have the disease under control. Already, national figures show a big decrease in the incidence of Malta fever (brucellosis in humans) during recent months.

Only a few states—California, New York, Texas, Kansas, Colorado, and Iowa—do not have sufficient laws to control the disease. That is, they do not have a law governing the movement of infected cattle in the state or allow eradication of the disease on the area plan.

In Iowa, brucellosis costs livestock producers from one to three million dollars annually.

From 400 to 600 Iowans become infected with the disease each year. It's estimated that in three years, brucellosis will cause livestock losses equal to the amount of money needed to eradicate the disease.

The National Brucellosis Committee recommended to the USDA that states not having proper laws to control brucellosis by July 1, 1957, should not be eligible for federal funds. The committee also recommended that indemnities (money paid cattlemen for sale of infected stock) not be paid after 1960.

IF YOU'VE NEVER PLANTED FUNK'S G-HYBRIDS,

now's the time to try them. Plant several bushels alongside your other corns and make a weighed yield comparison this fall. Customers who have, will tell you that Funk's-G is better. Their G-Hybrids stood better, held the ears better, stayed green longer and put more quality corn in the wagon from fewer rows than other brands. They've increased their orders for Funk'sG; we believe you will too, after a trial.

IF YOU PLANT SOME FUNK'S-G,

consider planting *all* G-Hybrids this spring. Because they are *consistently* good, you can expect them to come through—not just on a small, favored piece of ground—but on *all* your corn-acres. Every adapted G-Hybrid is capable of making the most corn . . . the best corn . . . your soil and season can produce. Some are special purpose hybrids; others have a wide range of use. Increase your Funk's-G order this spring, to boost your income this fall.

IF YOU PLANT ALL FUNK'S G-HYBRIDS,

be the first in your neighborhood to try an *all-new* and *different* G-Hybrid this year. These new G-Hybrids are outstanding—truly superior to anything we have seen. They thrive under thick planting, and make best use of available moisture and fertility . . . you can really "pour on the coal". For a bigger, more profitable corn crop in 1956, plant the *new* G-Hybrids your Funk's dealer recommends.

FUNK'S G HYBRID

BALANCED 5-STAR PERFORMANCE

- Rapid Growth
- Disease Resistance
- Insect Resistance
- Drouth Resistance
- Standability

7 OUT OF 20 WINNERS

In "New Look" Master Corn Growers Contest

Funk's G-Hybrids topped 7 of the 20 county 5-acre contests, which made up the 1955 Iowa Master Corn Growers Contest. For first time contest yields taken with a corn picker.

James Ruopp, Marshall County, 114.4 bushels using Funk's G-75A
Norman Pitstick, Humboldt County, 107.15 bushels using Funk's G-75A
Daniel E. Keane, Hamilton County, 89.46 bushels using Funk's G-Hybrids
Keith Gordon, Delaware County, 86.84 bushels using Funk's G-16A
Melvin Jensen, Bremer County, 86.8 bushels using Funk's G-30A
Lawrence Lynn, Poweshiek County, 104.32 bushels using Funk's G-75A
Wilbur Rhodes, Warren County, 87.6 bushels using Funk's G-75A

FUNK BROS. SEED COMPANY
BELLE PLAINE, IOWA

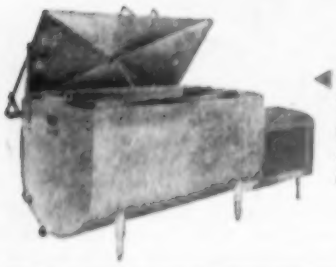
If You Want Everything A Bulk Milk Tank Can Give You In Less Work And More Profits...

MAKE IT DE LAVAL!

The best way to save time and labor... eliminate waste... protect yourself against loss through rejected milk... is with a De Laval Bulk Tank.

And De Laval gives you a plus no other bulk tank can offer... *De Laval Dependability!* That's built in by De Laval... backed by De Laval... the company that has had the longest and most successful experience in designing, making and servicing dairy equipment in America.

When you go bulk tank... go *De Laval* for profits you can *depend* on!



◀ De Laval Self-Contained Speedway Bulk Cooler
Fully automatic operation, 150, 200 and 250 gallon sizes for every-day or every-other-day pickup.

De Laval Speedway Bulk Cooler ▶
for remote condensing units—available with or without condensing units—in 300, 400, 500, 600, 800, and 1,000 gallon sizes.

◀ De Laval Speedway Vacuum Bulk Cooler
200 gallon capacity. A De Laval Combine Milker and a De Laval Vacuum Bulk Cooler give you a completely sealed milking system—help cut labor costs. Available with or without condensing unit.

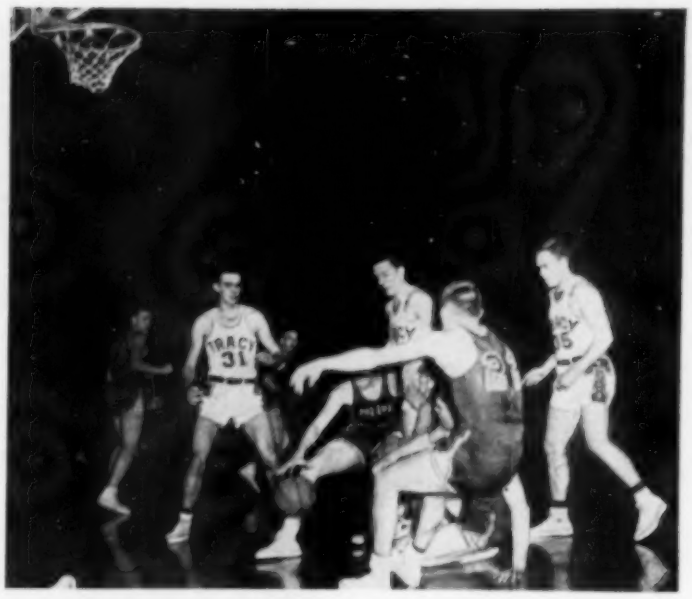
Get all the details today. See your nearby De Laval Dealer or mail the coupon below.

SERVING THE DAIRY INDUSTRY SINCE 1878

DE LAVAL

THE DE LAVAL SEPARATOR CO.,
Dept. 31-D, Poughkeepsie, N. Y.
Without obligation send me illustrated literature and specifications on De Laval Bulk Coolers.
Name_____
Town_____
RFD_____ State_____
I milk____ cows. I use____ milker.

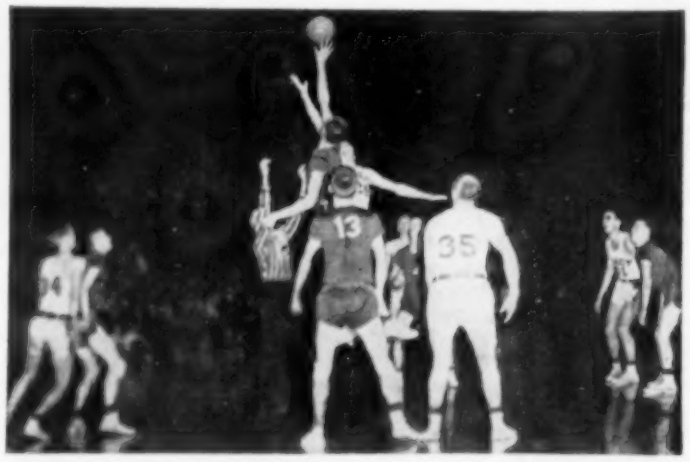
THE DE LAVAL SEPARATOR COMPANY Poughkeepsie, New York • 427 Randolph St., Chicago 6
DE LAVAL PACIFIC CO. 201 E. Millbrae Ave., Millbrae, Calif.



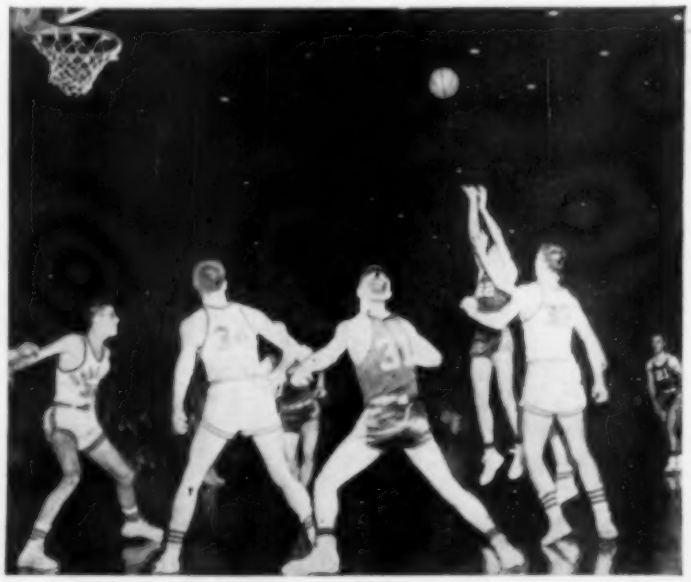
New Hartford's Ed Harken (20) brings the ball out of a rebound scramble in the class B semi-final game against Tracy. Tracy squeaked thru with a 59-57 victory.

Did you see the tournament?

THERE was action and excitement—and plenty of it—at the 1956 Iowa state high school boys' basketball tournament. Of course that's no news to you if you heard or saw the KRNT broadcasts and telecasts sponsored as a public service by Wallaces' Farmer and Iowa Homestead.



Final round of class B competition found St. Mary's of Iowa City defeating Tracy, 69-54, for championship honors. Here, Dennis Walljasper of St. Mary's stretches his 6-5 height to get the tip.



Marshalltown (in white) won the class A championship by defeating Burlington, 76-61. Here, a Burlington player cuts loose for two points.

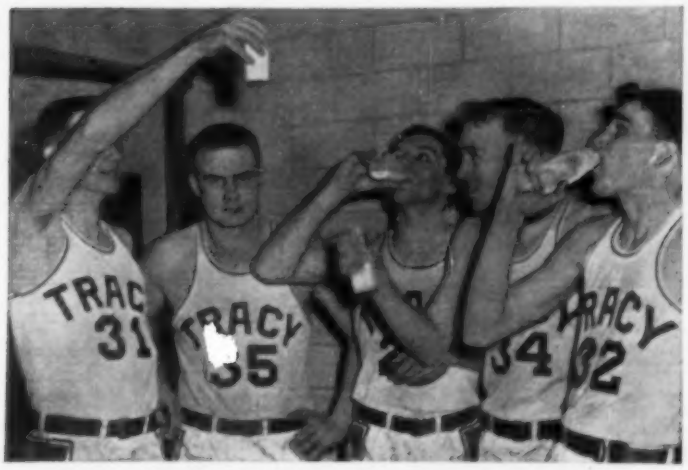
St. Mary's fans let their hair down as their team heads for victory in the final game of class B tournament competition. There were times when excited fans put on a show equal to that on the floor.

Bow tie and all, Coach Don Green of St. Mary's was promptly showered by his jubilant team after St. Mary's won championship.

Lots of emotion at tournament

THE color of a state basketball tournament is by no means confined to the playing floor. Just about all of the emotions listed in the book—from heartbreak to ecstacy—are displayed. But good sportsmanship prevails—on the part of most players and fans.

Burlington cheerleaders exerted almost as much energy as players, as they directed yells and chants during final game of the tourney.



Gallons of milk were consumed by weary tourney players as they returned to dressing rooms. Here's the Tracy team, celebrating victory in the semi-finals.

If You Want Everything Pipeline Milking Can Give You In Less Work and More Profits...

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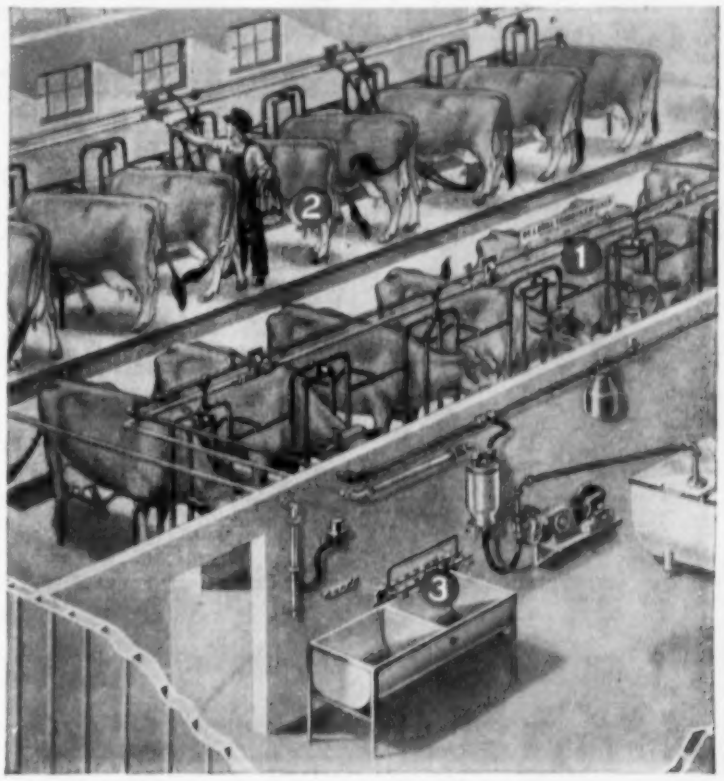
You get cleaner, faster milking . . . and De Laval gives you *all* the features that cut time and labor right down to rock bottom . . . save you most money . . . give you highest return on milk.



Here are some of the exclusive De Laval features that mean added profits:

1 MOST UNIFORM MILKING!

. . . an exclusive De Laval feature is Magnetic Pulsation Control . . . the only control that gives you absolutely uniform milking!

2 MOST EFFICIENT MILKING!

. . . De Laval's "Full-Flo" Teat Cups protect your cows . . . gentlest ever . . . no tug, jerk or teat stretch!

3 MOST ECONOMICAL IN-PLACE WASHING!

. . . Saves up to two-thirds of water and heating cost! . . . saves up to two-thirds of detergent! . . . means extra profits!

Get all the details today . . . just call your nearby De Laval Dealer or mail the coupon below.

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THE DE LAVAL SEPARATOR CO., DEPT. 31-D
Poughkeepsie, N. Y.

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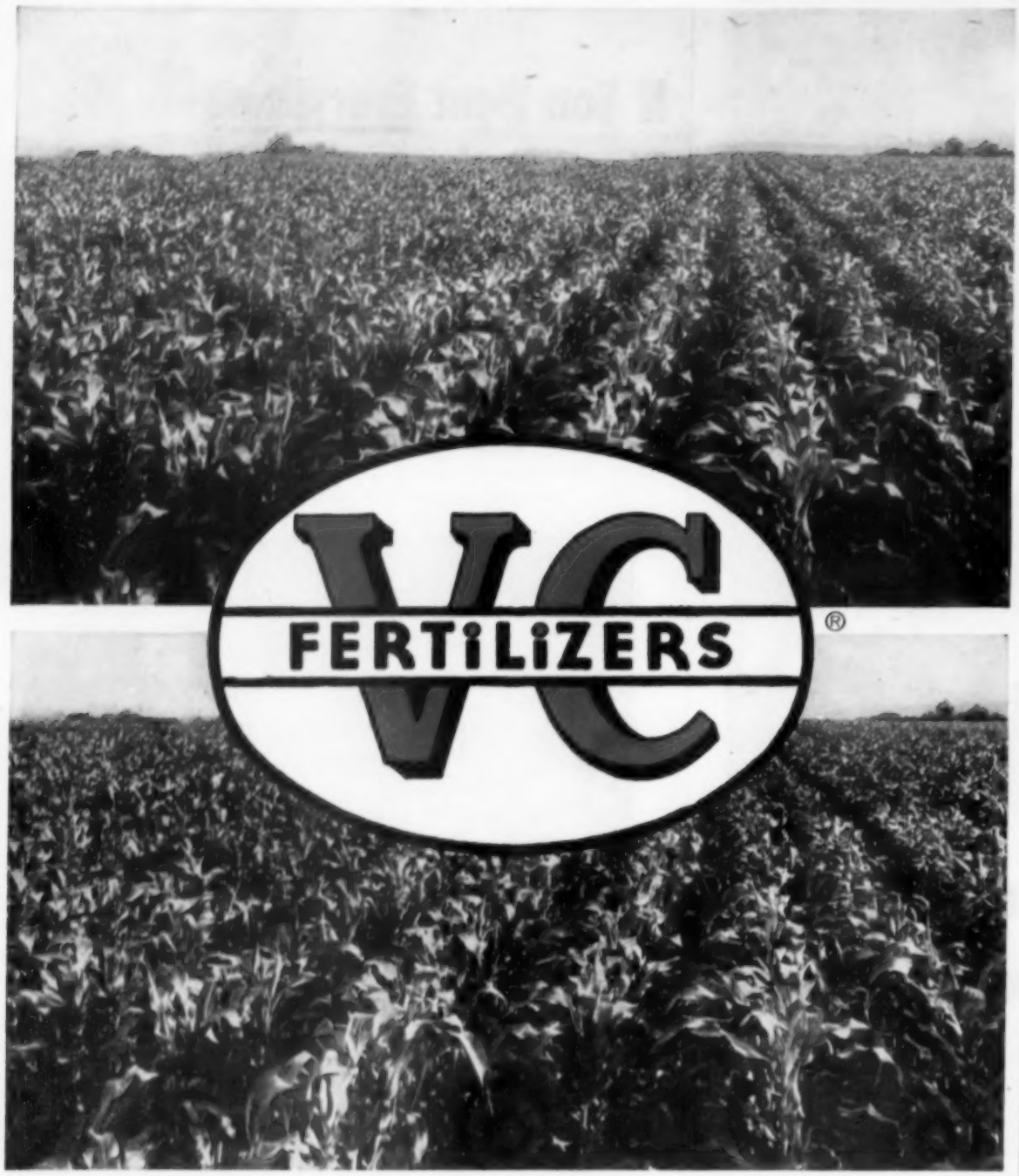


Two crops per year from the same land

Many leading farmers have more than doubled their corn yields by greatly increasing their per-acre application of V-C Fertilizer. It's like growing two crops of corn on the same land the same season. Yet they plow, plant and cultivate only one. The extra bushels added to your yield by V-C Fertilizer are the most economical and most profitable bushels you produce. When you double your acre yield with V-C Fertilizer, you greatly reduce your cost per bushel and increase your net return. Start now to make your corn pay you more. Produce big yields of high-quality, high-feed-value corn per acre at low cost per bushel. Use good seed, close spacing, approved cultural practices and a heavy application of V-C Fertilizer.

See Your V-C® Dealer

Get the facts on the complete line of V-C Fertilizers, produced in a V-C factory located near you, for crops and soils in your vicinity. Ask about top-quality **V-C PROLIFIC,** the superior blend of better plant foods fortified with important minor elements lacking in many soils. V-C Fertilizers and V-C Superphosphates are backed by more than 60 years of experience in serving millions of farms in many states.

Iowa M.D.'s Say . . .

Does your back bother you?

NOW that warm weather is almost here, many of you will be resuming your heavy spring work activities. You might also become conscious of forgotten back ailments.

For some persons, backaches are a seasonal occurrence. There may be an aggravation of a mild back discomfort during the heavy work seasons. This discomfort improves during the months when the work is not so physically demanding.

The most common causes of backache are attempting to lift an object that is too heavy, or to lift an object from an awkward position.

This will cause sore and tender low back muscles, which will improve with a period of rest and heat applications.

You can usually prevent back ailments of this type by learning which activities produce pain, and then avoiding these activities.

The extension of pain into one of the legs may be associated with strained back muscles, but it is often the result of a pressure on one of the nerve roots. Herniated intervertebral discs are also frequently to blame for these symptoms. However, tumors and other malformations may be possible causes.

If you are bothered with a persistently painful back, or recurrent severe discomfort, medical help should be obtained. This should include a general physical examination, x-rays, and possibly orthopedic or neurosurgical consultation.

If one leg happens to be shorter than the other, prompt and gratifying relief from backache can be effected by the addition of a small heel lift.

Most cases can be helped by using simple means of muscle strengthening exercises, physiotherapy measures, medications, and the use of a support.

Patients who do not receive relief by these measures may require a brief period of hospitalization. During this time, some special blood studies, x-ray procedures, or traction treatment may be carried out. Usually, a myelogram will be employed in which a material is injected into the spine. This material outlines abnormal conditions, such as herniated or ruptured discs, and tumors involving the spine.

Only a small percentage of individuals having back complaints will require surgery. In these few cases, however, it may mean the difference between a painful, non-productive existence to one of satisfactory activity.

The use of casts, braces, and corsets may be prescribed for temporary use, and are extremely helpful.

Many of you may need to learn to live with recurrent backaches. In most cases, however, much can be done to reduce or relieve this discomfort.

Articles in this series are presented by the Health Education Committee of the Iowa State Medical Society.

Well drilling operation on the Allamakee county, Iowa, farm operated by John Regan.

Outside stuff

WATER problems aren't confined to the southern part of the Corn Belt. As proof, I took the above photo on the farm operated by John Regan in Allamakee county, in the very northeastern part of Iowa.

Regan told me he had been hauling water all winter for his cattle and hogs. So he was having the main well on his farm deepened.

One Allamakee county farm leader observed: "More wells have been dug in this county this winter than I've ever seen before." And he has been in the county 26 years.

Of course the water problem in northeastern Iowa isn't so widespread as in the southern part of the state.

• • •

About 250 Iowa farmers are planning to irrigate about 15,000 acres of crops this year. That's almost double the number of irrigating farmers that we had two years ago.

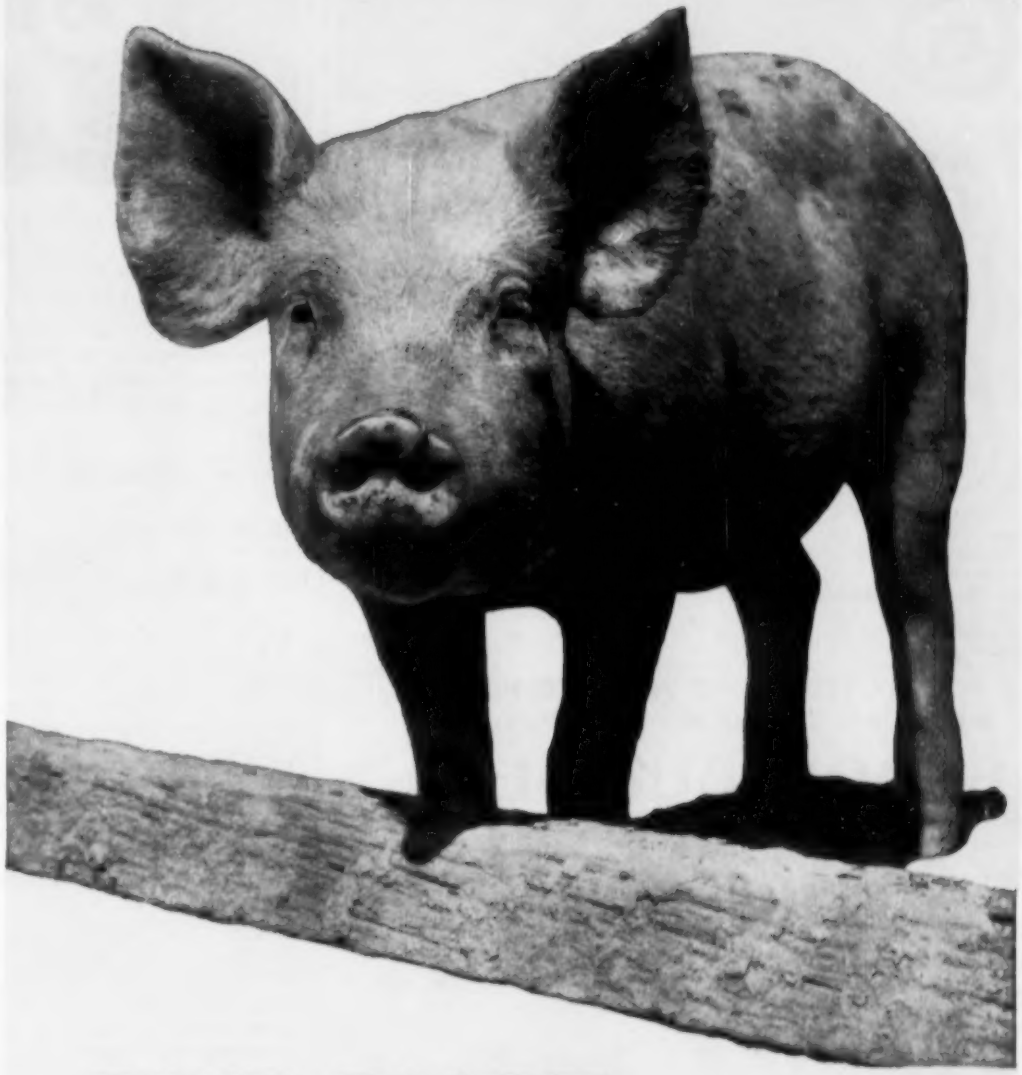
• • •

SNOW was all over the place when I stopped at the Art Trumm farm in Delaware county, Iowa, last month. But I found the Trumms getting ready for summer. Front porch of the Trumm home was being enclosed—with storm windows and screens installed.

"Hope it'll give us a cool place to sleep on hot nights next summer," explained Mrs. Trumm. Should do that, too. The porch is on the southwest corner of the house—exposed to prevailing breezes.

—Dave Bryant.

Protects Your Profits...
Cuts Erysipelas Losses!



ONE-SHOT
Treatment and Control...
INJECTION
BICILLIN® FORTIFIED

(Dibenzylethylenediamine Dipenicillin G and Procaine Penicillin G in Aqueous Suspension)

Swine erysipelas is a serious, acute, and often *stubborn* infection. When one animal becomes ill, other animals are threatened. Treatment is required that will be *immediate, effective,* and *long-lasting.*

BICILLIN FORTIFIED provides the immediate high blood levels that are needed to check the acute phases of infection. In addition it produces the lower, *longer-lasting* blood levels that are necessary to promote recovery, guard against reinfection, and halt the spread of the disease.

BICILLIN FORTIFIED has prolonged action that is particularly important in guarding against the after-effects of swine erysipelas, a disease that often reduces the market value of animals and your profits.

Only BICILLIN FORTIFIED gives you this *double* penicillin action—treatment *plus* protection—in a single injection!! You save time, work, and money!

EFFECTIVE AGAINST TURKEY ERYSIPELAS, TOO!

SUPPLIED: BICILLIN FORTIFIED 300—Vials of 10 cc. and vials of 50 cc. Each cc. contains 150,000 units Bicillin and 150,000 units procaine penicillin.
BICILLIN FORTIFIED 600—Boxes of 10 Tubex® sterile-needle units, each cartridge containing 300,000 units Bicillin and 300,000 units procaine penicillin.

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AVAILABLE FROM YOUR DRUGGIST OR OTHER ANIMAL HEALTH PRODUCTS SUPPLIER

Bloom Built pole type 100 ton hayfeeder on the Dan Martin dairy farm, 6 miles south of Belle Plaine, Iowa.

for Higher Quality Hay Storage

Mr. Dan Martin (pictured at left, above) says about his Bloom Built hayfeeder . . . "When I determined my building needs, I contacted Bloom Builders of Oskaloosa. They submitted several alternate plans and I selected the one best suited to my needs. From there on, they took care of everything. It took them two days to fully erect my 31x78 foot loafing shed, and another two days for the 26x60 foot 100-ton hayfeeder. They used quality lumber and I had the privilege of rejecting any part of it. The hayfeeder makes it possible to get the hay in out of the field quickly and easily, and the result is good quality hay—which is so important in any dairy operation like mine. This type of hayfeeder makes mow-curing of hay a real success and gives me a high quality protein hay—thus making for an efficient saving as it cuts the cost of protein I might have to buy." No matter what type of farm building you need, Bloom Builders will quickly fit a modern, one story pole type building to the job.

BLOOM BUILDERS OFFER YOU—

- **Prompt state-wide service**
- **Dependability (most customers are sent by other satisfied customers.)**
- **No "Building Headaches" . . . Bloom Builders take complete responsibility for the completed job.**
- **Guaranteed high quality pole type buildings, built by experienced reliable crews.**
- **One story, pole type buildings that are fitted to your farm.**
- **Expert help in farmstead arrangement.**

EASY TERMS — 3 YEARS TO PAY

CALL OR WRITE TODAY FOR FREE INFORMATION

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Phone OR 3-5419 **Oskaloosa, Iowa**

IT's Cheaper TO FEED US THE CAREY WAY!

CAREY BALANCED RATION PLAN

Broadens Your Spread Between Feeding Costs and Market Price

No matter what the end product may be—beef, pork, milk, lambs or wool, *feed must contain a full supply of certain trace minerals* rarely supplied in adequate amounts by farm grown grains and roughages. These minerals are essential to animal growth, body maintenance and reproduction.

Minimize mineral deficiency—easily, at low cost—merely by using *Carey Trace Mineralized Salt* in bags or blocks instead of plain salt in your mixed feeds.

This costs only a few cents a head more per year than feeding plain salt, but adds dollars to your profits. Ask your Carey Salt dealer for details.

Available in 50 lb. and 100 lb. bags and in 50 lb. blocks.

CAREY

THE CAREY SALT COMPANY
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In Modern Farm Kitchens

IODINE-BALANCED CAREY SALT...

is the favorite way to coax out full food flavor. Carey Table Salt assures proper iodine ration daily—by an exclusive patented* process that gives iodine-balance with every "shake" of salt.

*Patent No. 2,506,568

Safety hitch pin can't work loose. And operator keeps fingers at a safe distance. The guard and hand grip are made of iron rod and strap iron. Used by Clifford Cruzen, Mahaska county, Iowa.

Good records save money at tax time

WHAT good are records? This is the time of year when many of us are finding that it is important to keep good records for our own protection.

Good records should be kept for your legal protection. In business, they'll help you take care of your affairs. Much may depend upon them at tax-paying time.

Some day, you may sell your farm at a profit. Keep track now of your improvement costs. You may figure these costs to keep your capital gains down for income tax purposes.

Your records need not be fancy. But at least keep one envelope for the invoices or cancelled checks on your farm business, another for doctor, drugs, and dental receipts, and the like. Keep copies of all important letters, contracts, etc. They may save you and the tax man a lot of trouble in years to come.

Some records are vital. The state has set up plans, usually at the courthouse, to keep such records as marriages, births, deaths, property transactions, military discharge papers, court actions, corporation papers and the like. Modern business could not go on without such records to protect against legal loss.

Make and keep a copy of all your important papers. You don't need to record them all. But get a bank safety deposit box or space in a storage place and hold onto them.

(This article, prepared in the public interest by the Iowa State Bar Association, is intended to inform and not to advise. Facts may change the application of the law.)

NUMBER of farms of 1,000 acres and larger has doubled in the last 30 years, according to the 1954 census of agriculture. Number of "farms" of less than 10 acres also increased. Now, these small units make up just over 10 percent of all farms.

MIX YOUR OWN CALORIE-BALANCED 20% CHICK STARTER

For Less Than $4.00 A HUNDRED

Here's How You Do It!

300 lbs. You Furnish of your own yellow corn

Your Hubbard Dealer will add

200 lbs. HUBBARD'S SUNSHINE 38% CHICK CONCENTRATE* *(Granulated)*

500 lbs. THAT GIVES YOU 20% Calorie-Balanced CHICK STARTER FOR LESS THAN **$4.00** per 100 lbs.

* HUBBARD'S SUNSHINE 38% CHICK CONCENTRATE is designed to meet the rigid nutritional requirements of today's highly developed chicks.

HUBBARD MILLING CO.

Pioneers and Leaders in Concentrates Since 1928

MANKATO, MINNESOTA

YOUR TRAILER* SHOULD BE EQUIPPED WITH

BULL DOG AXLE ASSEMBLIES

*AND ALL EQUIPMENT ON THE FARM REQUIRING TRANSPORTATION

BULL DOG straight or drop axles in single or tandem — capacities up to 10,000 lbs. steel axles — any width — and the famous safety-engineered "Torq-Less" axles for all types of trailers.

JACKS — BULL DOG Jacks fit any farm implement—harvester, baler, chopper, etc. easily with tractor, truck or jeep. Install and move from one piece of equipment to another in minutes . . . simple, sturdy construction.

COUPLERS — Farm implement and wagon couplers in light-duty, economy and heavy-duty models. Model No. 2-A drop forged steel, strong, dependable, economical, list price $9.00.

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HAMMER BLOW TOOL COMPANY
WAUSAU · WISCONSIN

We've proved it 15,000 times!

NEW JACUZZI DEEPRIME JET

proved self-priming on 15,000 deep well installations

—Candido Jacuzzi

Here's proof! Now with Jacuzzi's new patented Deeprime Jet, you can have trouble-free automatic water service as never before possible. It's the only deep well jet pump in the world that's self-priming. Don't settle for less!

● Self-priming on wells to 400 feet. Adjusts automatically to changing water levels. Shuts itself off if water level drops. Nothing else like it.

Jacuzzi FULLY AUTOMATIC DEEPRIME JET DEEP WELL WATER SYSTEM

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BE CHOOSEY · BUY JACUZZI

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4100 Bayless Ave., St. Louis 23, Mo.
Please send free bulletin and name of nearest dealer. Depth to water at my place is about _____ feet.
NAME _____
ADDRESS _____

"No? Well, just what were you doing on my property?"

Study TGE In Baby Pigs

Special studies on the effect of transmissible gastroenteritis (TGE) on the nutrition of baby pigs are under way at the University of Illinois College of Veterinary Medicine.

TGE is highly contagious. But scientists are not sure just how it is spread. In pigs less than a week old, TGE is usually fatal. Older pigs may recover but are likely to be unthrifty.

One group of pigs in the Illinois study was infected with TGE at 26 days of age. Gains and feed requirements after infection were compared with healthy pigs.

The infected pigs ate less feed, gained less weight, and had a lower blood sugar level compared to the healthy pigs. The infection lowered the amounts of water, nitrogen, sodium and potassium retained by the pig.

The Illinois TGE studies are part of a coordinated research project being carried out by experiment stations in north central United States.

Adjust Corn Planting To Subsoil Moisture

How thick to plant corn this year? Maybe the suggestions of E. R. Duncan, Iowa State College agronomist, can help you decide.

Consider the moisture and fertility in the top five feet of your soil, Duncan says. Roots of healthy corn will go at least that deep.

Where there's little subsoil moisture below three feet, or where fertility isn't the best, Duncan suggests power checking two kernels every 20 inches or three every 30 inches rather than wire-checking four kernels every 40 inches. This may cut down the nubbins and barren stalks.

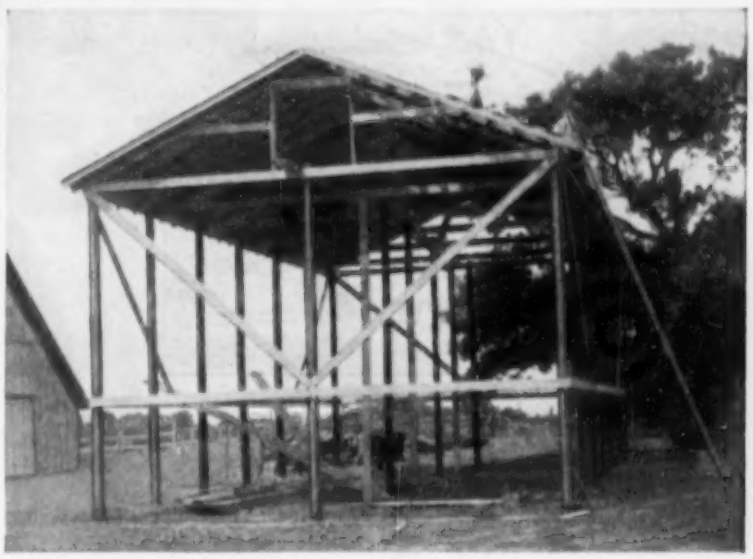
And wherever moisture or fertility is limiting, shoot for a final plant population of 11,000 to 13,000 stalks per acre.

LARGER DAIRY HERDS use labor more efficiently, says the Texas agricultural experiment station. Herds of 16 cows required an average of 94 hours per cow per year. Herds of 64 cows required only 51 hours per cow per year. Dairymen with the smaller herd needed 1.9 hours to produce 100 pounds of milk. Those with the larger herds produced the same amount of milk with only one hour of work.

DOW

PENTA*

keeps wood safe from money-eating, work-destroying rot and termites



POLES *for buildings*

Strong *PENTAchlorophenol-treated† poles go right into the ground, generally eliminate need for additional foundation. There's almost *no* sawing, notching or mortising required; *less* fitting, hoisting, nailing or scaffolding. This large hay barn, built economically on PENTA-treated poles, is on the C. L. Pine farm near Knoxville, Iowa. Plans are now widely available for *low-cost*, highly wind-resisting pole barns, machine sheds, corn cribs, bunker silos, other structures.

POSTS *for fencing*

Pressure-treatment† with proved PENTA preservative keeps sturdy posts *sound* for many years of added service. PENTA-treated posts have an attractive natural color and are *clean* for easier unloading, handling and setting; can be painted sooner than most other treated posts. You'll find they cost only a little more in the beginning than unprotected wood posts, actually *cost much less* over the long run. Irvin Charpie, farming 240 acres at Clay Center, Kansas, set 200 of these solid PENTA pressure-treated posts as a long-term fence investment.

†For your protection, buy only posts and poles that have been treated in accordance with Government Specification TT-W-571.

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THE DOW CHEMICAL COMPANY
Dept. PE 906N, Midland, Michigan

Name _____
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Town _____
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Please send me, with no cost or obligation:
☐ More information on low-cost, PENTA-protected pole buildings.
☐ Booklet, "PENTA Pressure-Treated Farm Posts".
☐ Name of nearest lumber dealer handling PENTA pressure-treated posts and PENTA-treated poles.

you can depend on DOW CHEMICALS DOW

I have decided to sell these three farms. Let me tell you about them.

J. C. Penney

EMMADINE FARM is near Breckenridge, Missouri. It consists of about 1800 acres of some of the finest pasture and grazing land in Missouri, 320 of these acres are terraced. There's a 12 acre lake and numerous ponds on the property . . . an 8-room modern Master residence, 5 tenant houses, 2 of which are brand new, 2 large barns, a show barn, an implement shed, a tile sales pavillion, a cement trench silo. Pastures and cropland are cross-fenced and easily accessible by paved highway and improved gravelled secondary roads.

EMMADINE FARM IS ON U. S. HIGHWAY #36, APPROXIMATELY 60 MILES EAST OF ST. JOSEPH, MO.

HOME PLACE FARM is 1¼ miles East of Hamilton, Mo. It consists of 390 acres of cropland and pasture, has on it several ponds plus a deep well with 10,000 gallon cistern. There are 4 tenant houses, a large 96 by 120 barn, 3 smaller barns, an implement shed, an iron-clad grinding and feed storage shed, an upright tile silo and a cement trench silo. An additional 162 acres of unimproved land (not contiguous) are included.

HOME PLACE FARM IS ON U. S. HIGHWAY #36, APPROXIMATELY 50 MILES EAST OF ST. JOSEPH, MO.

HOME PLACE SHOW FARM is 1 mile East of Hamilton, Mo. It consists of 540 acres with over 2½ miles of paved highway frontage. There are 4 good ponds, a deep well, water tower and tank on the property . . . a 4 bedroom master house, 5 modern tenant houses, 2 of which are brand new and have garages. There's a tile show barn, 44 by 250 with box stalls, a tile Sales Pavillion with bleachers seating 2,000, an upright tile silo (300-ton capacity), 6 bull sheds, tile construction, with bull runs, a veterinary office and laboratory, 4 galvanized iron open cattle sheds, a galvanized iron hay shed.

HOME PLACE SHOW FARM IS ON U. S. HIGHWAY #36, APPROXIMATELY 50 MILES EAST OF ST. JOSEPH, MO.

If you are interested, please contact me for details and further information.

J. C. PENNEY, owner
330 West 34 Street
New York 1, N. Y. or
Wm. A. Rhea, owner's representative
Nettleton, Mo.

Service Bureau

Watch For Fruit Peddlers

To the Editor: Two men stopped at our farm. They were selling what was supposed to be Florida grapefruit and oranges. They said the crates weighed 100 lbs. But the actual weight is 75 lbs. And the fruit is faulty. The price was $12 per case. Is there anything we can do? —N. V. B., Jasper county, Iowa.

You should report such activities to your county law enforcement officers. And if you can prove that the men were misrepresenting their product, you may be able to stop any further activity by them in your area.

Your warning may prevent other subscribers from buying the fruit if it's offered to them.

Can Get S. S. Benefits

To the Editor: We are past 70 years old now. We operated our small farm in 1955 and had a net income of $2,500. We now have about $2,000 worth of corn to sell. Can we retire now and operate our farm this year and start getting social security benefits? — B. H., Logan county, Ill.

You should contact your nearest district social security office as soon as you have sold your corn, since apparently you will have mostly net income from the sale of the corn on hand.

You can apply for your social security benefits and start receiving them as soon as the application can be processed. Your monthly benefit will be based on your 1955 net income divided by 18 months, (the minimum time required to qualify for benefits). Then when you file your 1956 income tax return, your benefit will be re-figured using your 1955 net income and half your 1956 income, divided by 18 months. This will give you an increase in your monthly benefits. This increase will be paid retroactively back to the time you got your first check.

Your postmaster can give you the address of your nearest social security office. The social security fieldman can answer any other questions you have.

"His not mentioning it isn't due to modesty. I won it!"

Play It Safe

He thought sanitation
Was just a formality;
That's why he's bemoaning
High mortality.
—Beth Wilcoxson

Wants Insurance On His Claim

To the Editor: Our tractor was hit by an auto. My brother was hurt and is in the hospital. We don't want to settle the personal injury claim until he gets out and his permanent damages are determined. We have asked the insurance company to fix the tractor so we can start plowing. But they refuse to settle the tractor damages until the personal damage claim is settled. Can anything be done to make the company fix the tractor?—N. B., Mower county, Minnesota.

Ordinarily, all claims for damages by one person arising from a single transaction must be disposed of by one action. If the insurance company wanted to make settlement for the tractor damage now and settle the personal injury claim later, it could do so.

However, it is the general custom of insurance companies to insist upon complete settlement of both property and personal injury claims at one time.

If a separate claim is presented for settlement of the tractor damages, it is a possibility that all claims for the personal injury would be forfeited.

The foregoing is intended to inform and not to advise. Facts may change the application of the general principles herein expressed, and we recommend that the inquirer consult a local lawyer of his own choice.

Legal inquiries to the Service Bureau are answered by the Public Information Committee of the Iowa State Bar Association as a public service.

How To Move His Silo?

To the Editor: Do you know of any method of moving a silo? Can you give the address of someone in Iowa who will move silos?—D. T., Osceola county, Iowa.

There probably are contractors who could move your silo. But it would be very expensive.

It probably isn't advisable to try to move a silo due to the type of construction. If the silo is tile or concrete, it would be subject to cracking and further damage during moving.

You should contact a moving contractor and get an estimate on the cost of moving the silo. From the estimate, you can determine if it would be practical.

HERE IT IS!... NEW!

SPARX HOG BLOCK

FOR HOG MEN IN A HURRY

Fast gains of finest milk nutrients! Labor saving of self feeding!

Busy hog raisers asked for it—and here it is! A SELF FEEDER BLOCK in the new SPARX line of seven hog feeds! Just zip off the top and stake out a block to each 25 weanling, growing, or fattening pigs. Then while you're busy in the fields or devoting extra time to farrowing, your shoats help themselves to the finest in milk nutrients!

Blend of Four Milk By-Products!

Only SPARX feeds give your hogs the greatest discoveries in milk nutrition. SPARX for HOGS contains HIDROLEX* pre-digested milk sugars to pour high energy into the bloodstream. DLW* whey fermentation solubles provide the concentration of vitamins, protein amino acids, and unidentified growth factors needed to "stretch" corn and protein rations. SPARX also contains condensed whey, and condensed buttermilk to provide the equivalent of 50 gallons of four balanced milk by-products in every 50 lb block.

NOW... SEVEN BALANCED MILK BY-PRODUCT FEEDS IN THE SPARX LINE!

NEW PRE-CREEP RATION...

Based on DRY SPARX for BABY PIGS. You can make a pre-creep ration of DRY SPARX, rolled oats, and ground corn that is so tasty pigs will eat it before they are a week old. Feed free-choice until pigs are six weeks old, then switch them to SPARX HOG BLOCK.

NEW DRY SPARX FOR SOWS...

Cut sow feeding cost and eliminate hand feeding with NEW SPARX for SOWS—in dry form or custom mix with your own grains and straight protein. It makes a bred and nursing sow ration that gives you big littersofhuskypigs, makes sows milk heavily without excessive weight losses.

OTHER SPARX FEEDS

SPARX for BABY PIGS—Condensed—has carried millions of pigs through weaning without setbacks. Feed as a drink from 3rd to 12th week.

SPARX for SOWS—Condensed successor to Semi-Solid Sow Emulsion—for feeding in gruel or as a drink.

SPARX for HOGS—Condensed growing and finishing feed for use as a drink or in gruel. Improved successor to Semi-Solid Pig Emulsion.

SPARX for HOGS—GRUEL BLOCK. A softer HOG BLOCK with the same formula and advantages for mechanical feeding on large farms.

*T.M's for milk by-product feeds manufactured exclusively by Consolidated Products Co., Danville, Illinois

SALLY (standing), Joel, and Tony Sedlacek, school age children of Mr. and Mrs. Albert Sedlacek, Pocahontas county, Iowa, eat a "7 point" breakfast before the school bus arrives. Breakfast consists of fruit juice, cereal, milk, eggs and rolls.

Do your children eat a good breakfast?

"DOESN'T everyone eat a good breakfast?" a farm woman living in Keokuk county, Iowa, inquired with surprise. "Why my gang," she exclaimed, "they're always ready to eat anything I put on the table."

It may be a surprise to learn that a lot of Iowa children go to school with an inadequate breakfast, and some with none at all.

Nutritionists are agreed that breakfast is an important meal. Growing children need a well balanced meal in the morning. And an ideal breakfast is one that adds up to at least seven points.

Citrus fruits (orange, grapefruit or tangerine)	**2 points**
Milk	**2 points**
Other protein foods (eggs, meat, cheese)	**1 point**
Cereal and milk	**1 point**
Other foods (bread, etc.)	**1 point**

A six point breakfast may be adequate, but if you score five or less you aren't getting an adequate meal.

Recently in a Wallace-Homestead Poll, we asked several hundred Iowa farm women who had children under 18 years of age these questions:

"What do your children usually eat for breakfast? Check the items they usually include: 1. Citrus fruit, 2. Other fruit, 3. Milk, 4. Other protein food, 5. Cereal with milk, 6. Other food (bread, toast, etc.)."

This is how these farm mothers answered:

Citrus fruit	**65%**	**said yes**
Other fruit	**7**	**" "**
Milk	**90**	**" "**
Other protein	**71**	**" "**
Cereal	**82**	**" "**
Other food	**80**	**" "**

This looks like most farm children are starting to school right, doesn't it? But wait a moment. When we combined these breakfast items, we found that only 35 percent of the families were getting a well-balanced, seven point breakfast.

Similar results were found when the extension folks of two Iowa counties, Dallas and Boone, made a survey of school children during a "Better Breakfast" campaign recently.

Students from the seventh grade thru high school were given a questionnaire to fill out. They were asked to check the foods they had eaten that morning for breakfast. Then they scored themselves on the seven point breakfast outlined above. Students from both town and country were included in the survey.

About 9,000 blanks were collected and summarized. Here are some of the results:

33% reported a good breakfast (6 or 7 points)
64% reported a poor breakfast (under 5 points)
3% reported no breakfast at all.

These students were also asked this question: "If you do not eat breakfast regularly, why? A. Not hungry? B. Not enough time? C. Breakfast not prepared for you? D. Don't like the food served."

This is how the students answered:

48% said they weren't hungry.
37% said there was not enough time
9% said breakfast was not prepared
6% said they didn't like the food served.

The extension folks report that the survey tends to show that a large percent of the rural students ate a poor breakfast and a greater percent of urban students ate an adequate or a near adequate breakfast.

A comparison of the breakfast eating habits of boys and girls showed that there were more boys who ate good breakfasts than girls. Therefore, it may be concluded boys are better fed.

There is no doubt but what a lot of mothers of school age children prepare good breakfasts that aren't eaten. The teen-age girl doesn't get dressed in time to eat adequately before the bus arrives. Perhaps she's on a self-imposed diet. There are small boys who are slow about chores in the morning. Others rebel at eating hot cereal or poached eggs.

There is no doubt that a mother with small children is often too busy in the mornings to check and see who eats what before they start off for school.

Lorna Baldner and Richard Petitt of Dallas county, John Young and Ada Max Wright of Boone county, extension personnel who made the survey, say, "We realize that this survey was taken in varying conditions and therefore may not be totally correct. But we do feel that definite trends are apparent and that there is a need for better nutrition."

Homemaking Today

Edited By ZOE MURPHY

NO RUNNING water or electricity, but the farm homes were clean and orderly, according to U. S. farmers. This newly built home was one of the best.

Russian homes and people

INTERESTING and unusual pictures of people and places were brought back by American farm delegates who toured Russia last summer.

Russian women do much of the work on farms and in factories. Children are brought to nursery schools or rest camps each morning. They are cared for by teachers and nurses thruout the day. In addition, women do their own family cooking, housekeeping and tend collective farm gardens.

Pictures were taken by Herb Plambeck, Farm Editor, WHO, Des Moines.

CHILDREN seemed healthy and happy even tho the Russian mothers work.

EGGS 25 cents each; potatoes 38 cents per kilo (2.2 lbs.), etc. Fat pork $4 per lb. These prices indicate a Russian market, not one in U. S. A.

YOU CAN END SMOKY BROILING FOREVER WITH A NEW LP-GAS RANGE!

THE CLEAN, AUTOMATIC LP-GAS FLAME MAKES SMOKE DISAPPEAR LIKE MAGIC. YOU BROIL WITH THE DOOR CLOSED!

NO GREASY DEPOSITS ON WALLS, NO ODORS!

AND IT KEEPS YOUR KITCHEN MANY DEGREES COOLER!

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LIQUEFIED PETROLEUM GAS
BUTANE • PROPANE • BOTTLE GAS • TANK GAS
AVAILABLE EVERYWHERE
DEPENDABLE ALWAYS

NEW SUPER-SANITARY LP-GAS HOME GARBAGE AND TRASH DISPOSAL UNIT IS SAME TYPE USED IN HOSPITALS! SAFE AND SILENT, TOO!

SEND TODAY FOR FREE 24-PAGE BOOK. Write to National LP-GAS Council, Dept MFP-2, 85 N. Wabash Ave., Chicago 1, Ill.

Sew Now For Spring

No. 8123. For important dress-up events, with or without sleeves. Sizes 9, 11, 12, 13, 14, 16, 18. Size 11, with sleeves, 4⅞ yards of 35-inch.

No. 8283. A new one-button closing highlights a carefully tailored shirt-waister. Sizes 4, 16, 18, 20; 40, 42, 44, 46. Size 16, 4½ yards of 35-inch.

No. 8231. The ever-popular cobbler apron that wraps and ties. Dress length version also provided. Sizes 12, 14, 16, 18, 20; 40, 42. Size 14, cobbler, 2⅞ yards of 35-inch.

No. 8199. Versatile and so becoming. Neat blouse and skirt pair in half sizes to insure perfect fit. Sizes 4½ to 24½. Size 16½, blouse two yards of 35-inch; skirt, 2⅝ yards.

No. 8338. The new long waisted look for girls in a dainty party or school frock. Sizes 4, 6, 8, 10, 12 years. Size 6, 2⅝ yards of 35-inch; ¼ yard for collar.

No. 8339. A simple collarless dress that you can wear everywhere. Sizes 32 to 46. Size 34, short sleeves, 4½ yards of 35-inch.

Patterns are 30 cents each, coin preferred. Fashion Book for Spring costs 30 cents. Address your orders to Pattern Department, Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa.

MRS. ALVIN JONES, Dade county, Missouri, stirs up a batch of corn bread for her family. Delicious eggless corn bread should be no more than one and a half inches thick.

Corn Bread Every Day

IT WOULD be worse than "taking candy from a baby" to take corn bread away from the Jones family, for corn bread comes to the table almost as often as the family does.

Believe it or not, in the 17 years of our married life I have averaged making corn bread 350 days out of each year.

My husband's mother was an excellent cook, and one of the first things she taught me after I became one of the family was to make corn bread. She had concocted her own special recipe —an eggless corn bread, for which she became quite noted.

I have no special cooking secrets, but good corn meal is a prerequisite of good corn bread. We prefer white, stone-burr-ground meal. However, any good grade commercial product may be used with excellent results. Of course I always follow Mother Jones' "Eggless Corn Bread" recipe.

Below you'll find a few of the Jones family's corn meal recipes, including Mother Jones' "Eggless Corn Bread" and her tempting "Unbaked Dressing." Try each recipe. Your family is sure to be pleased.

EGGLESS CORN BREAD

2 cups sifted corn meal
½ teaspoon soda
3 teaspoons baking powder
1 teaspoon salt
1 cup buttermilk
¾ cup water
½ cup shortening (melted)

Sift together in mixing bowl corn meal, soda, baking powder and salt. Add buttermilk and water. Beat well. Stir in melted shortening, blending thoroly. Pour into greased 9x12-inch pan. Bake in moderately hot oven (450 degrees F.) for 25 minutes or until a golden brown. Serve hot.

CORN FRITTERS

1 cup sifted corn meal
1 teaspoon baking powder
½ teaspoon soda
1 teaspoon salt
1 tablespoon shortening
⅔ cup buttermilk

Sift dry ingredients into mixing bowl. Add buttermilk. Beat well. Blend in melted shortening. Drop by spoonfuls onto hot greased skillet. Cook until golden brown turning only once. Serve immediately.

CORN MEAL ROLLS

1 package active dry yeast
1½ pints lukewarm water
1½ pints sifted flour
⅓ cup sugar
1½ pints sifted corn meal
6 tablespoons shortening (melted)
1½ teaspoons salt

Combine sugar, water, and active dry yeast. Stir until thoroly dissolved. Blend in flour. Beat well. Let rise in a warm place for one hour. Add salt, melted shortening, and meal. Turn out on floured board and knead three minutes. Place in greased bowl. Cover tightly, and let rise until double in bulk (about 1½ hours). Punch down. Place in plastic bag. Store in refrigerator.

When ready to use, punch down. Shape into rolls. Place in greased pan. Let rise until double in bulk. Bake in hot oven (425 degrees F.) 15 to 20 minutes, or until a golden brown. Serve hot.

UNBAKED DRESSING

4 to 6 pieces cold corn bread (about ½ recipe)
4 to 6 slices white bread
1 medium onion (minced fine)
½ teaspoon ground sage
¼ teaspoon pepper
1½ pints rich broth (any kind — beef, chicken, turkey)
2 tablespoons flour
½ cup cold water

Crumble bread fine into mixing bowl. Add minced onion, sage, and pepper. Heat broth to the boiling point. Mix together flour and water to form thin smooth paste. Stir into boiling broth. Pour hot thickened broth over corn bread crumb mixture. Mix thoroly. (If dressing is too dry, more broth may be added.) Serve hot.—Mrs. Alvin Jones, Dade county, Missouri.

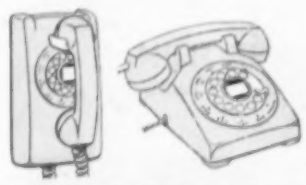
REDECORATING?
REMODELING?

Try These Ideas At Your House

FLOOR SAVER: You'll be moving furniture around, but you'll want to be careful not to mar your floors. How? Just slip an old, heavy sock over furniture legs before moving.

NEW LOOK FOR BEDROOMS: Fresh paint or wallpaper can do wonders for the plainest room. To save time and for convenience, first get an extension phone for the room. No running to the phone while you're working there. And what a wonderful step-saver when your new room is in use!

EASY CLEAN-UP: To prevent paint spots on latches or hinges when painting a door, rub a little petroleum jelly on the metal. Stray paint rubs off. A bit of petroleum jelly on your hands will make wash-ups easier, too.



SOMETHING SPECIAL: It's easy to add gay color (and convenience, too) with the glamorous new telephones in color. They brighten bedrooms, living rooms, kitchens —even basements. Choose from eight beautiful colors at the telephone business office.

KITCHEN HELPER: Include a wall telephone in your kitchen remodeling plans. So handy to use and it takes up no shelf space. Put it near the outside door and folks coming in to use the phone won't track through the house.

SPOT STOPPER: Old oil or grease spots can't seep through onto new wallpaper if you put a coat of clear shellac over the spots before you put on the new wallpaper.

LIVING ROOM IDEA: While you're re-doing your living room, add several outlets in the room for a portable telephone. Then you can move your phone to handy new places whenever you rearrange furniture.

PAINT LUMP REMOVER: Straining old paint is messy. Instead, cut out a piece of screen the size of the paint can. Stir paint and put the screen into the paint can. The screen will settle, pushing the paint lumps right to the bottom of the can.

NORTHWESTERN BELL TELEPHONE COMPANY

STRAWBERRY PLANTS

CERTIFIED DUNLAP, BLAKEMORE, PREMIER, ROBINSON, BELLMAR 200-$2.50; 500-$5.50; 1,000-$10.00; 5,000-$45.00. GEM, STREAMLINER, SUPERFECTION, EVERBEARING 100-$2.25; 500-$10.00. **GLADIOLUS**—LARGE FLOWERING RAINBOW MIXTURE, 12 BEST GARDEN VARIETIES. GUARANTEED TO BLOOM, 50-$1.00. 20 MAMMOTH **RHUBARB** OR 30 **ASPARAGUS**, $1.00. FRESH PLANTS, PROMPT SHIPMENT.
IOWA NURSERY, FARMINGTON, IOWA

WEAVING—Women, make money weaving in your home during your spare time. Weave beautiful hand-loomed rugs, tweeds, draperies, suitings on Newcomb Loom. No previous experience necessary — easily operated. Rugs in great demand. Free illustrated catalog.
NEWCOMB LOOM CO.
Established 1898 Davenport 20, Iowa

PAINT, OUTSIDE titanium, lead and oil. Guaranteed not to peel. $4.95 value special factory price—$2.25 gal. Free Sample.
SNOW WHITE PAINT CO., TOLEDO 2, OHIO

GERANIUMS—2 dozen strong young plants that will brighten up your home wonderfully this summer. Postpaid $2.50 to your home. Any Color or mixed.
BUCKLEY GERANIUM CO., Springfield, Illinois

Happy Is The Day When Backache Goes Away . . . .

Nagging backache, headache, or muscular aches and pains may come on with over-exertion, emotional upsets or day to day stress and strain. And folks who eat and drink unwisely sometimes suffer mild bladder irritation . . . with that restless, uncomfortable feeling.

If you are miserable and worn out because of these discomforts, Doan's Pills often help by their pain relieving action, by their soothing effect to ease bladder irritation, and by their mild diuretic action through the kidneys—tending to increase the output of the 15 miles of kidney tubes.

So if nagging backache makes you feel dragged-out, miserable . . . with restless, sleepless nights . . . don't wait . . . try Doan's Pills . . . get the same happy relief millions have enjoyed for over 60 years. Get Doan's Pills today!

12 Jumbos from any size roll developed 35c with this ad only.
O. SKRUDLAND, LAKE GENEVA, WISCONSIN

SLOW DOWN AND LIVE

hear the

CORN BELT FARM HOUR

every Saturday at 12 noon

with . . .

HERB PLAMBECK
WHO's Farm Service Director . . . back from an extensive tour of Russia.

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WHO . . . dial 1040

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Country air

THE WAY the morning sun slanted thru the east windows told me it was time to start farming. We'd had several little snow storms, but it was all dried off again. I thought I'd better go see. I had brought my muddy overshoes in from the car where they ride with me wherever I go—just in case I suddenly take a notion to drive to the farm. They were washed and cleaned, but I could walk the barnyards without them.

The pigs' noses always leave dirty smudges on my coat anyway whether it's muddy or not. They're such friendly pigs. Maybe if I got friendly enough with them someday I might be able to guess their weight within 100 pounds or so.

On the way down, I revelled in that expectant look that fields have after the middle of March. They may be a beige monotone in color with nobody around but some stock cows or the brood sows. Yet they look alive—ready, able and willing. Or again it may be just the slant of the sun's rays.

That's the thing I'm going to miss when I'm dead. I'll not know what kind of weather we're having each day nor be able to tell the time of year by the slant of the sun or the feel of the air. I shan't be able to smell the kind of day it is.

Well I could smell the kind of day it was when I got to the farm all right. The men were hauling manure. A hundred loads were out already. I marveled at the ease of farm life with loaders. Some day somebody will discover a deodorant that will make the first job of spring smell like a June hayfield. One that will have trace minerals in it to increase efficiency.

The man on the farm was in town shipping some hogs so I didn't venture into the farrowing pens where the new pigs were coming. They are friendly pigs, but they know who fills the self-feeders. And maybe they know who can't climb fences as fast as she used to. If climbing fences became necessary.

The young mother in the house talked garden plans. The garden this year is to be back across the driveway where it has been most of the years since I have known this farm. We're not going to fence it this year for it will be surrounded by cornfields. With three small children on the farm, I gulped a bit and told Lucille the rule I gave my boys. "If you get lost in a corn field, follow one row until you come to a fence. Then follow the fence, and wait till someone comes."

But how can Susie-not-yet-three be made to understand?

I had not seen a robin yet. Nor did I see one that day. But ever since the year after World War I, it has not taken a robin to open spring for me. I was teaching up in the mountains near Mt. Ranier National Park. One Saturday, I left the deep snows of the mountains and came by bus to Seattle. Near Puyallup, a meadow lark sang its "loopity-loopity lovely day" from a fence post and I knew spring had come.

There were several to greet me from fenceposts that day on my way back to town. A red-winged blackbird trilled to me from a telephone wire, and several flew across the road in front of me.

I drove home thru the sunset glow and into the cupped sliver of a golden moon with personality lines of delight all over my face. Spring—it won't be long now.—Elizabeth C. Wherry.

Household Help . . .

SCREEN-DOOR hooks tied to the ends of an indoor clothesline, provide a quick method of putting up or taking down the line as you hook them into screw eyes in opposite walls.

MRS. RUSSELL ORCUTT, Buchanan county, Iowa, is another homemaker who believes her family should start the day right with a good well balanced meal for breakfast.

Cookery corner

Barbecued Meat Loaves

- 1½ lbs. ground beef
- ½ lb. ground lean pork
- ½ cup bread crumbs
- 1 cup milk
- 2 teaspoons salt
- 2 tablespoons chopped onion

Combine all ingredients. Mix well. Shape into individual loaves. Pour the following sauce over them:

BARBECUE SAUCE: One and one-half cups catsup, one-third cup vinegar, two tablespoons brown sugar and two tablespoons minced onions. Combine ingredients, and pour over individual meat loaves. Bake at 350 degrees for 45 minutes.—Mrs. Harry Harvey, Knox county, Missouri.

Potato Kugel

- 5 large baking potatoes
- 4 slices bread, crusts removed
- ½ cup milk
- 2 eggs well beaten
- ½ cup butter
- 1 teaspoon salt
- 1 pint soured cream
- additional sour cream (optional)

Cut bread into cubes, and let stand in the half cup milk while potatoes are being prepared. Peel and grate potatoes. Press them thru cheesecloth until all liquid has been removed. Place potatoes in a large bowl. Add beaten eggs, salt, melted butter, softened bread cubes and sour cream. Mix thoroly. Turn into a well greased loaf pan, and bake in a 350 degree oven for one and one-half hours or until golden brown. Serve at once with additional sour cream, if desired.—Lena Price, Wisconsin.

Applesauce Cake

- ½ cup shortening
- 2 cups sugar
- 2 eggs
- 1½ cups applesauce
- 2½ cups sifted flour
- 1½ teaspoons soda
- 1½ teaspoons salt
- ¾ teaspoon cinnamon
- ½ teaspoon cloves
- ½ teaspoon allspice
- ½ cup cold water
- ½ cup chopped walnuts
- 1 cup raisins

Cream together shortening and sugar. Beat in eggs. Add applesauce. Sift dry ingredients together, and add alternately with water. Stir in nuts and raisins. Pour in a 9x13-inch pan that has been greased and floured. Bake for 45 to 50 minutes.—Mrs. Howard Dean, Madison county, Iowa.

Sour Cream Rhubarb Pie

- 3 cups rhubarb, diced
- 1 cup sugar
- 1 egg, well beaten
- 3 tablespoons tapioca
- 1 cup thick sour cream
- 9-inch unbaked pie shell

Combine egg, sour cream, sugar and tapioca. Mix well. Add rhubarb. Pour into the pie shell. Bake at 425 degrees for 15 minutes. Then reduce heat to 350 degrees for 30 minutes more. Remove from oven. Top with a meringue made by beating three egg whites until stiff and adding one-third cup sugar. Spread over pie, and bake at 350 degrees for 12 minutes. Chill before serving. —Myrtle Odland, Wright county, Iowa.

First Prize Orange Cookies!

Mrs. Howard Griffith of Okeana, Ohio, won a First Award at the Ohio State Fair with these delicious Orange Cookies.

...even more tempting with

Folger's Coffee

***the* Mountain-Grown coffee with the rich, distinctive flavor!**

For family snacks or fancy fare, everyone's likely to love Mrs. Griffith's prize-winning Orange Cookies . . . especially when you top off their tempting sweet-tart taste with a steaming cup of Folger's Coffee! Folger's, you see, is a unique blend of rare *Mountain-Grown* coffees specially selected and prepared to add nature's richest, most satisfying coffee flavor to every eating occasion. Why not discover the delicious difference yourself? Try Folger's . . . *the* Mountain-Grown coffee today!

CUT OUT AND SAVE

MRS. GRIFFITH'S PRIZE ORANGE COOKIES

FOLGER'S COFFEE...IT'S MOUNTAIN-GROWN! So extra rich in flavor you are urged to try using ¼ less than with lesser flavored brands.

Copyright, J. A. F. & Co., 1956

MRS. GRIFFITH'S PRIZE ORANGE COOKIES

more tempting with Folger's Coffee

¾ cup butter • 2 eggs • 1 tablespoon finely-grated orange rind • 1 teaspoon baking powder • 1 cup sugar • 1 tablespoon orange juice • 3¼ cups all purpose flour (sifted) • 1 pinch of salt

†Cream butter, add sugar gradually, eggs one at a time, then orange juice and rind. Sift dry ingredients together and add gradually, mixing in thoroughly. Put through a cookie maker and bake in hot oven (400 degrees) from 10 to 12 minutes.

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3 LARGE SIZE Double Everblooming Tuberous BEGONIAS 50c postpaid guaranteed

Make shady spots glow with color

1 RED—1 PINK—1 YELLOW

BLOOMS BOTH INDOORS AND OUTDOORS. Plant on north side of house for dazzling summer bloom. After first frost take Begonias indoors and repot for brilliant winter coloring. Blooms will measure 4 to 5 inches across.
LARGE BULBS — 1½ to 2 inches across. IMPORTED FROM BELGIUM.

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We believe our colorful Rainbow Glad Collection is the finest in America. Hand selected from famous named varieties. If bought individually they would cost $2.50 but as an unlabeled collection we offer them at only $1.00. Large flowering, many ruffled, on tall spikes. Will bloom this summer. Mixed colors. Best quality bulbs, 1 to 1¼ inches across.

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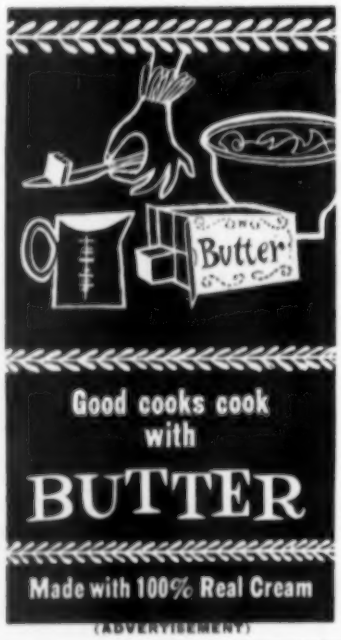

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LOOK—300 large sweet Bermuda onion plants and 50 frostproof cabbage plants, all for $1.00; Postpaid. Prompt Shipment.
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MUMS EXTRA HARDY CHRYSANTHEMUMS. 10 gorgeous colors, $1. 20 kinds, $2. Postpaid. Burnette Gardens 27, Assumption, Illinois.

MURIEL NELSON, Jackson county, Iowa, gathers an armful of "spikes" in her mother's "glad" patch. Her mother is the author of the articles below.

Make "glads" a family hobby

Raise them by the hundreds rather than by the dozen

HOW many gladiolus should a family raise? This is a question frequently asked by beginners. While my hobby happens to be raising "glads," still I think that one should raise them by the hundreds rather than by the dozen.

Here is a hardy flower that requires only potato-like culture. It is a rugged grower that stands up well after being cut, and lends itself to various arrangements.

The proper sequence in the planting of bulbs will allow a continuous cutting of spikes until frost comes, or nearly four months.

Gladiolus are warm weather flowers, so don't plant them too soon. Mid-May is a good time to start. A sandy loam with good drainage and pulverized six inches deep is ideal. They need full sun and a lot of water. That's why they do well in a vegetable garden.

The time of planting until bloom varies from 70 to 90 days. So by planting a few every 10 days or by planting several sizes at the same time, you can have a continuous blooming period.

Probably the most important thing in growing these flowers is the spraying in the summer time to offset a common enemy, thrips. And this can be done easily with one of the new insecticides at 10-day intervals.

Last year's champion at the International show was a waxy, white spike originated by Carl Fischer of Minnesota called "Snowdrift."

Six to eight weeks after the corms have bloomed, they can be dug and stored for another season. When you dig them, cut off the foliage at the top and spread them out in a frost-free place two or three weeks. Dust with five percent DDT before storing.

Contrary to common opinion, glad bulbs are not expensive. The smaller bulbs will produce gorgeous spikes the first season and become first class bulbs at the first digging.

"Glads" come in so many colors and sizes that it is impossible to name them in one article. But it is sufficient to say that here is a flower that is easy to grow, good to look at and superb as a gift.

Gladiolus are as fitted to decorate a formal wedding as they are to grace a humble home. No wonder those who work with them feel they should be grown by the hundreds rather than by the dozen.—L. Nelson, Jackson county, Iowa.

Homemaking Helps

IF YOU ARE TRAVELING with children, one way to head off boredom in the car is to produce a surprise package of new gadgets or toys occasionally. They need not be expensive or indestructible but they should be well chosen.

COLORS THAT GIVE a cooling effect are blues and blue-purples. Yellow, orange and red are warm colors. Green is between warm and cool, gaining warmth as it grows yellowish and coolness as it becomes bluish.

IF YOU WANT to hide unpleasant features in a room such as irregularly shaped windows and doors or large radiators, you can do so by painting all the same color as the walls.

AN ORANGE GLAZE for ham is delicious. Simply baste ham at 15 minute intervals with fresh orange juice. About 40 minutes before baking time is up, dribble honey over the ham. Bake until brown.

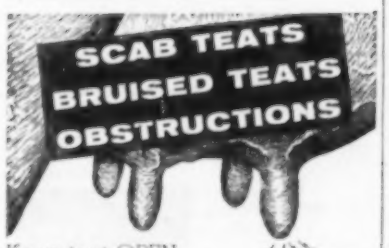
FOR A QUICK DESSERT, slice bananas, and serve sprinkled with cinnamon or nutmeg. Or serve in orange or pineapple juice.

FARMERS
CONSTRUCTION
WORKERS

AND ALL WHO WORK OUTDOORS ARE DEMANDING SERVUS INSULATED, WATERPROOF FOOTWEAR

Rain or shine — hot or cold—the smart man who works out-of-doors wears Servus Insulated waterproof footwear. See them at your favorite dealer. Write for a free brochure showing newest designs in sporting footwear.

THE SERVUS RUBBER CO.
ROCK ISLAND ILLINOIS, U. S. A.



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Dr. Naylor Dilators act both MEDICALLY and MECHANICALLY to provide antiseptic protection, reduce inflammation and maintain free milk flow through the canal of hard milking teats. Provide gentle, non-irritating support—keep end of teat open in its natural shape to promote normal healing — natural milking. EASY TO USE — keep a Dr. Naylor Dilator in teat between milkings until teat milks free by hand. At drug and farm stores or mailed postpaid.

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Large pkg. $1.00 (45 Dilators)
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Dr. Naylor's MEDICATED Teat Dilators

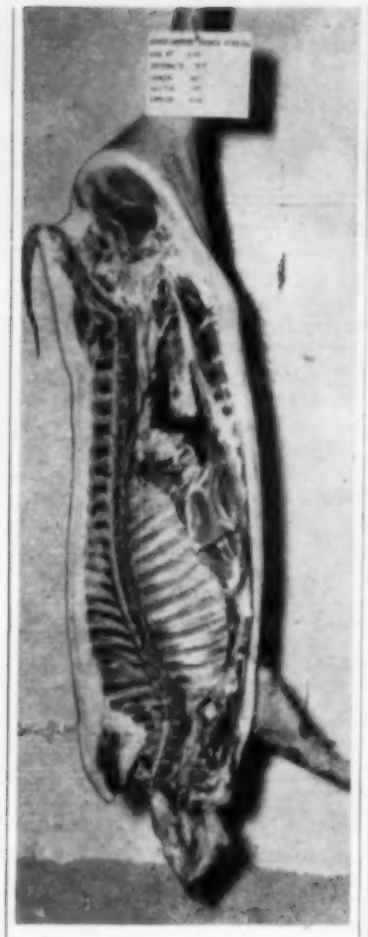
ATTENTION!
ALL GI FARMERS

If you are dedicated to the preservation of the family size farm here is an opportunity to voice your opinions through an organization set up for your benefit. We stand behind 90% parity and are willing to accept the controls deemed necessary by Congress. If interested, cut out the application blank below and send to:

I want to be a member of the GI Farmers of America. I understand the membership fee is $3 per year.

GI Farmers of America
Webster City, Iowa

Name.....
Town.....
County.....



Carcass of the grand champion individual at the Iowa State Spring Market Hog Show last month in Cedar Rapids looked like this when hung on the rail. The carcass came from a 207-pound Hampshire gilt shown by Vernon Werning, Newhall, Iowa. The measurements: Length, 30 inches; backfat, 1.47 inches; loin eye, 4.42 square inches; dressing percent, 70.5.

Full parity asked by NFU

A 100 percent parity income for family-sized farms was urged by the National Farmers' Union in its biennial convention at Denver, March 19-23.

To obtain such an income level, the NFU recommended cash payments from the federal treasury in combination with price support loans, purchase agreements and government buying of surpluses.

The NFU also advocated (1) government stockpiling of at least one year's supply of food and fibers, including reserves in rural areas around cities for emergency use in case of atomic attack; (2) diversion of crop land to grass and trees; (3) more extensive public distribution of foods thru school lunch and food stamp plans and (4) supplemental payments to encourage marketing of livestock at proper market weights.

James G. Patton of Denver was elected president of the National Farmers' Union for a ninth term.

TILE DRAINAGE can pay fast. On the Southern Iowa Experimental farm in Davis county, corn on land with tile lines 60 feet apart produced 11 more bushels per acre. Where tile lines were 30 feet apart, yields went up another nine bushels.

RUBBER COAT YOUR FLOORS
...and PAINT them at the same time

The toughest floor finish ever!

For the first time, actual, live *natural rubber* has been mixed with paint to give you a *perfect* finish for any floor on your farm. FLORPLY is *not* just "latex" or "rubber-base," but REAL rubber. Independent laboratory tests show that NATURAL RUBBER FLORPLY lasts *twice* as long as ordinary floor paints. FLORPLY "gives" with temperature and moisture changes, resists corrosion, oils and grease, acids and alkalis—it's a natural for your milk house floors *and walls*—and any other surfaces that get really *hard* wear.

NATURAL RUBBER FLORPLY resists the kind of abuse only a farm can give—*fights back* with the "bounce" of natural rubber!

Use it inside and outside—on concrete, wood, metal, linoleum, plaster, brick or composition. Use NATURAL RUBBER FLORPLY any place you need a *tougher* floor surface.

Your FLORPLY dealer has a folder for you that answers *any* question you may have about the toughest floor paint in the world. Ask for FLORPLY, in 8 colors—made by the manufacturers of the most outstanding, tough, farm-tested finishes and products like "GRADE 1" House Paint, "ROOF-DRES" and "FORM-A-COTE."

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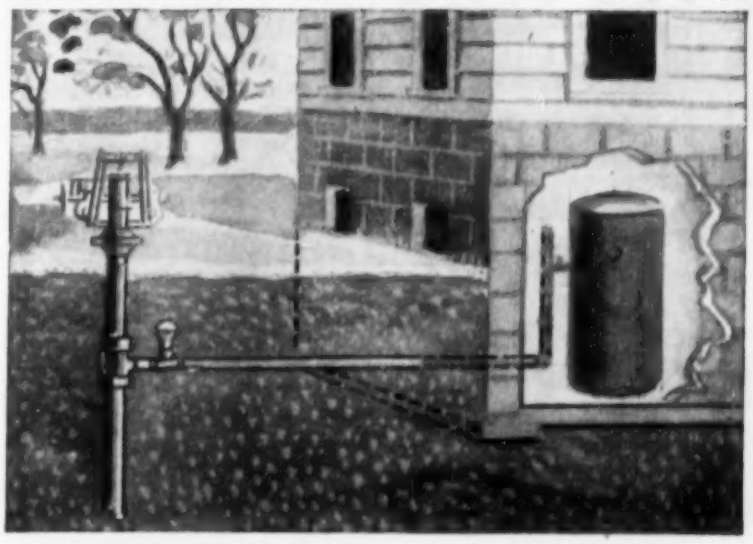

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That's right! The Duplex Pitless Well System eliminates the unsanitary frost pit! It affords complete sanitation and frost proof protection; it brings the well casing above ground; puts the water carrying pipes and discharge opening safely below the frost level; a patented sealing device permits pulling the well working parts when necessary. It makes the frost pit obsolete on the modern farm and gives complete and worry free sanitary water. Meets Grade A milk requirements. Save money—save time! Write for additional information today. DUPLEX MFG. CO., Superior, Wisconsin. Dept. W-46.

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Every hen must have calcium carbonate, not only to make egg shell but for aid to digestion. Every chick needs it for bone building and sturdy growth. Pure, clean, Pilot Brand Oyster Shell is a perfect source for calcium carbonate. That's why you should keep Pilot Brand before your flock at all times.

In the bag with the big blue Pilot Wheel At most good feed dealers

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PROTECT YOUR CHICKS FROM DISEASE
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LIMITED TIME ONLY

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• Cash in on higher fall egg prices by getting early chicks. This year raise STRAYN-KROST White Leghorns. Bred and hatched by the World's Largest Exclusive White Leghorn Hatchery, a specialist who hatches and breeds White Leghorns only. Our new poultry breeding method, STRAYN-KROST combining of Hanson & Ghostley Strains, gives you the best White Leghorns obtainable. Also 2 weeks old and day olds available immediately. Write today for prices and records of OFFICIALLY SUPERVISED egg laying contests proving LEGHORNS OUTLAY HYBRIDS!

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Now—you too can get a good market for your eggs. Sell direct to NICHOLS & CO., AVON, ILL. Ship them via BURLINGTON TRUCK LINES TO
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We guarantee highest market prices—prompt returns. All Burlington Terminals and Depots with full time agents will accept your shipments daily. There is one near you. Ship only clean eggs.

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— OUR ADS ARE NEWS —

The Farm Flock

EGG PRODUCTION on Iowa farms in February totaled 439 million eggs. This is three percent more than the 426 million eggs produced in February, 1955.

▼ ▼ ▼

LAYERS ON IOWA FARMS averaged 17.3 eggs per 100 hens in February. U. S. average was 15.9 eggs per 100 layers.

▼ ▼ ▼

HENS ON IOWA FARMS totaled 25,424,000 in February this year and were one percent below the total last year. But with one percent fewer hens, Iowa produced three percent more eggs than a year ago. However, February had an extra day this year which would account for part of the increase.

▼ ▼ ▼

MORE HEAVY TURKEYS were produced in February this year than last year. The commercial hatchery report for February shows heavy breed polts were up 75 percent over February, 1955. However light breed poults were down 28 percent from a year ago.

▼ ▼ ▼

RECORD NUMBER of chicks were hatched in February. Total chicks hatched in U. S. were 198,171,000 compared to 163,662,000 in February, 1955.

▼ ▼ ▼

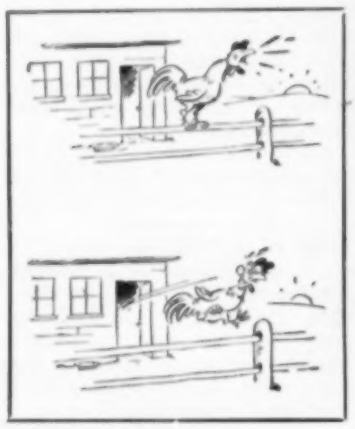
EARLY CHICKS will be ready to move to the range as soon as the weather is warm enough. Get range shelters repaired now and ready for the chicks. Start chicks at the bottom of the slope and move shelters up the hill as needed. This allows disease germs to wash down the hill away from the chicks.

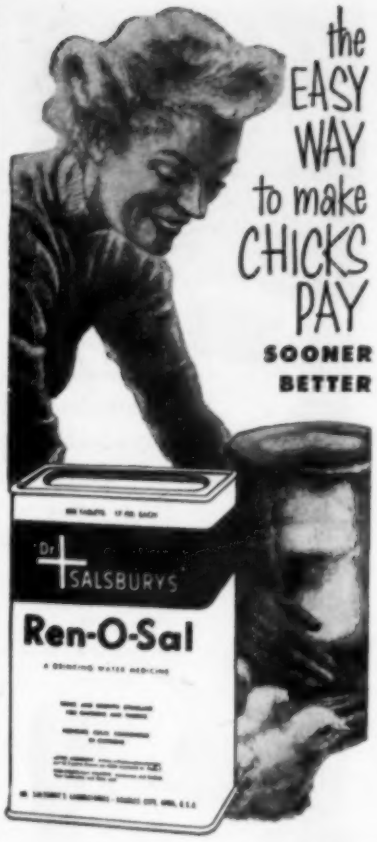
▼ ▼ ▼

EGG PRICES in Iowa on February 15 were 31.7 cents per dozen. A year ago the price was 34.8 cents per dozen on the same date. The U. S. price on February 15 was 40.2 cents per dozen. The U. S. parity price is 45.4 cents per dozen.

▼ ▼ ▼

YOU CAN HELP promote Iowa poultry products. The Iowa Poultry Products Organization is asking you to contribute 20 cents per 100 chicks you buy to help promote eggs and other poultry products. This contribution should be made at the time you purchase your chicks. Your hatcheryman will explain IPPO to you. The money you contribute will be used to help sell your products at higher prices.





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Simply add convenient Ren-O-Sal tablets to the drinking water and birds of any age develop fast, lay sooner.

BETTER GROWTH—MORE EGGS. Pullets mature earlier, lay up to 15 days sooner! Continuous use improves development. Gives hens added vitality to lay as many as 12 extra eggs per bird!

PREVENTS COCCIDIOSIS. In proper dosage, Ren-O-Sal also prevents spread of cecal coccidiosis. Reduces stress, stunting, and feed losses. More birds live to pay a profit!

Start using Ren-O-Sal in the drinking water now. Ask your Dr. Salsbury's dealer or write for literature.

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Charles City, Iowa

When you need poultry medicines, ask for Dr. SALSBURY'S

Help convalescent chickens do better

Mix Avi-Tab in the feed and watch convalescent or sluggish chickens respond. This stomachic appetizer supplies trace minerals so essential for getting chickens back into good condition. Proven effective on millions of birds. Get Avi-Tab, today.

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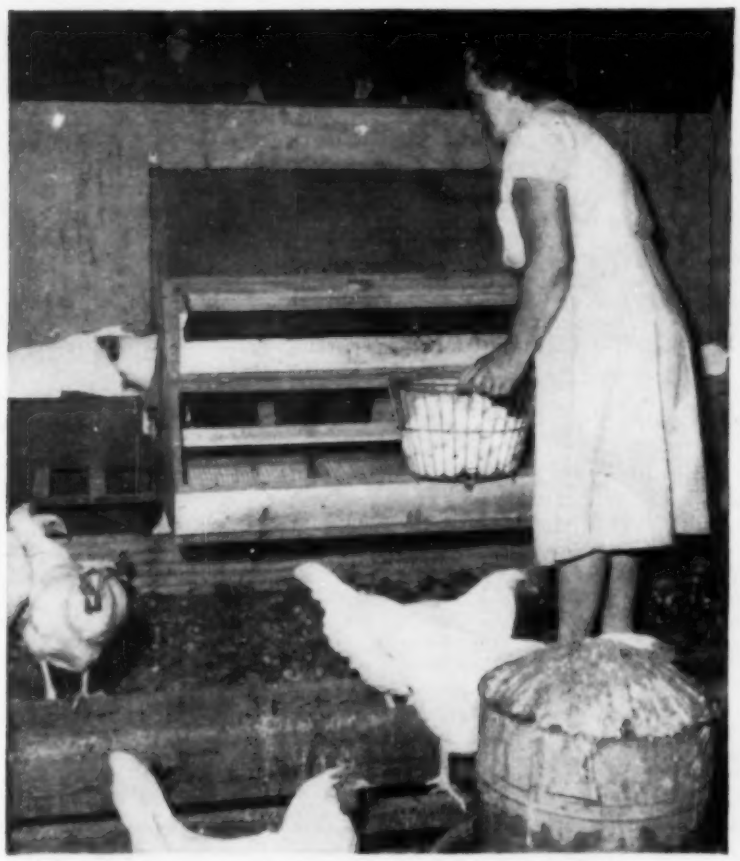


Gathering eggs is Mrs. Leslie Milton of Mitchell county, Iowa. The Miltons keep an all-pullet flock. Pullets will lay more eggs than yearling hens. More eggs means more profit.

How to get more eggs

Your hens may have more egg laying ability in them than they are now using

MORE eggs mean more profit from your laying flock.

When egg production goes up, production cost per dozen eggs goes down.

But how can you get more eggs from your flock? Here are four suggestions for increasing egg production:

1. Buy good chicks.

Chicks that have been bred for high egg production are available to all Iowa poultrymen. These good chicks cost more, but they will lay more eggs.

Iowa farm flocks averaged 204 eggs per layer in 1955. If your flock was below the average, maybe you need to get another breed or strain of layers. But don't change to another breed if you were satisfied with your egg production last year.

2. Provide good laying house.

Comfortable hens will lay more eggs. A well-insulated and ventilated laying house provides comfort for layers.

Temperature in a good laying house remains about the same or changes slowly as outside temperature goes up or down. And hens are never in a draft.

A good laying house cuts losses from disease. And you keep more hens in the flock and in production.

3. Provide more feeder space.

Hens require a certain amount of feed to maintain their body weight. It's the extra feed they eat that goes to produce eggs.

"We just doubled the amount of feeder space in the laying house and egg production jumped up immediately," claims a Sac county, Iowa, poultryman.

More feeder space gives the more timid hens a chance to eat. Where feeder space is limited, the dominating hens eat first. And the timid hen eats only when she isn't chased away from the feeder.

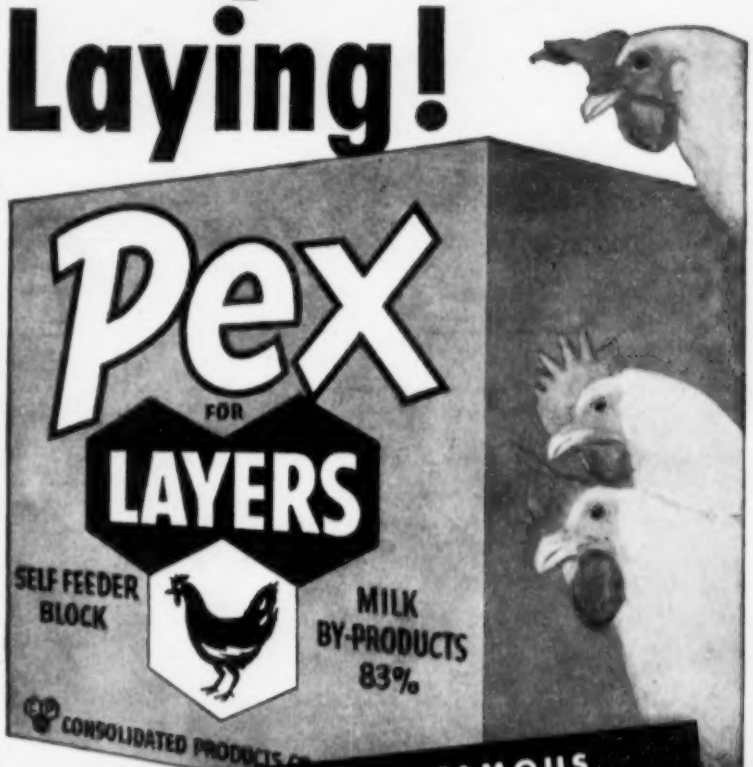
Provide at least four inches feeder space per layer. And place the feeders so all hens can eat at one time. Extra feeders may mean three and one-half dozen more eggs from each layer.

4. Install automatic waterers.

Automatic waterers will pay for themselves with increased egg production. By installing automatic waterers, you may get 5,160 more eggs a year from a flock of 300 hens, says W. R. Whitfield, poultry specialist at Iowa State College. And if eggs are 30 cents a dozen, that's an added profit of about $127 a year from the 300 hens.

Hens will drink about two pounds of water for each pound of feed consumed. And if hens don't get plenty of water, they won't eat enough feed to maintain top production. One sure way to cut egg production is to let hens get thirsty.

New Way to Keep Hens Laying!



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HELPS PROTECT HEALTH! Only PEX* contains DLW*, the fermented whey source of milk vitamins, minerals, amino acids, and unidentified growth factors that help keep layers in tip-top condition—plus buttermilk and whey to keep digestive tracts clean and functioning.

BOOSTS FEED INTAKE! Only PEX contains HIDRO-LEX*, the amazing "pre-digested" milk sugars and proteins that go into the blood stream for quickly available energy and growth. When you add PEX to your feeding program you increase feed intake—you get better egg production, size, and quality.

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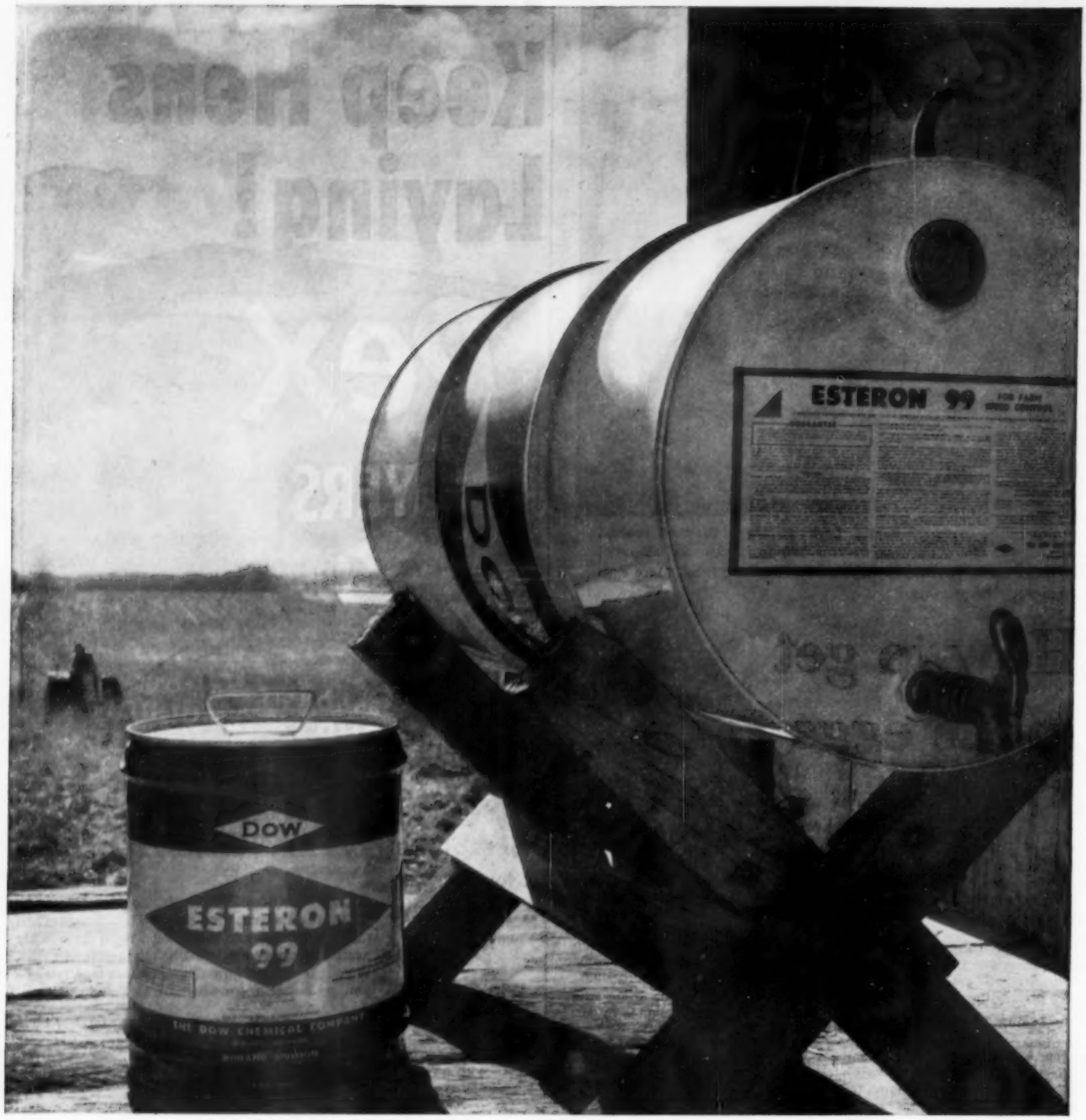

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easier to use

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see your dealer

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FORT DODGE
Lundgren Grain Co.
Samuelson Implement Co.
Farmers Co-op Grain & Coal Co.
FLUGSTAD
Flugstad Farmers Co-op.
GILBERT
Gilbert Co-op Company
GOLDFIELD
Farmers Elevator Co-op.
GOWRIE
Bruntlett Elevator
Gowrie Implement Co.
GRANGER
Granger Grain Company
HARRIS
Harris Grain Company
HENDERSON
Harbor Feed & Grain Co.
HINTON
Farmers Co-op Company
HOBARTON
Hobarton Co-op Elevator
HUDSON
Strayer Seed Farms
HULL
Farmers Co-op Ass'n.
IRWIN
Steenhusen Hardware Co.
KAMROR
Co-op Elevator & Supply Co.
KANAWHA
Christ Drug Store
KEOKUK
Tri-State Farm Store
LAKE CITY
Karstens Feed & Seed Co.
LACONA
Butler Produce
LIBERTYVILLE
Fordyce Implement Company
LORIMOR
Eischen Feed & Supply
LYTTON
Williams Hardware
MANNING
McMahon Feed & Seed Co.
MARTINSBURG
France Lumber Company
MASON CITY
Farmers Elevator, Inc.
MEDIAPOLIS
Kline Hardware
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De Reus & Murphy
MONTROSE
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MOORLAND
Moorland Grain Co.
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Osage Co-op Elevator
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SANBORN
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WINTERSET
Thomas Produce & Feed
YETTER
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MINNESOTA

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Carlson Implement Company

First Aid For Stock

When Sows Won't Give Milk

To the Editor: What is the drug that is used for sows when they have farrowed and don't produce milk? We have this trouble a great deal in our sows.—M. L., Story county, Iowa.

The drug, pituitary extract, is used to bring a sow back to her milk if there is a hormone unbalance. However, this is usually not the cause when a large group of sows is involved.

Apparently, some management factor or disease is involved.

Similar troubles have cropped up where a group of sows was infected with leptospirosis. Also when sows are farrowed in hot weather.

Sows that are too fat and sows that have a uterus infection may also fail to come into milk. Some bloodlines seem to have this trouble quite often. Better investigate all these possible causes.

Help For Cow That Loses Milk

To the Editor: What can I do for a good milk cow that loses a lot of milk thru leaky teats? Often the milk runs in a continuous stream from her rear teats.—J. C., Hardin county, Iowa.

Cows that lose milk can be helped by surgery. Have your veterinarian cut the sphincter muscle on the end of the teat. This allows scar tissue to build up and make the opening smaller.

Leptospirosis Spread By Infected Sires

Livestockmen should be sure that the bulls and boars they use are free of leptospirosis.

That reminder comes from Dr. H. S. Bryan of the College of Veterinary Medicine at the University of Illinois.

Leptospirosis causes abortions and sometimes death, Dr. Bryan explains. And it can be brought into herds by infected sires.

Bulls and boars used for breeding should be blood-tested for leptospirosis, the Illinois veterinarian recommends.

What Causes Blood Spots In Eggs?

To the Editor: What causes blood spots in eggs? My hens are on a full feed of egg mash, whole oats and shelled corn with plenty of fresh water and oyster shells.—Mrs. E. B., Bureau county, Ill.

Blood spots in eggs are common in some flocks. It's a physical factor, not connected with disease.

As the egg is formed in the oviduct tube in the hen, it may get too large. Then as it moves along thru the oviduct, it causes breaks in small blood vessels in the wall of the oviduct. The blood moves along with the egg and is enclosed inside the shell with the egg.

In some strains of poultry, this is thought to be inherited.

Only solution is to cut down on the feed and thus cut down on production. But most flock owners want hens to lay more, not fewer eggs. If this affects most of your hens, better replace the old hens with pullets.

Can't Get Cows To Settle

To the Editor: I have been having trouble getting my cows with calf. They seem to settle, then in three or four months come back in heat. I have seen nothing that indicates there is anything wrong with the cows. I keep the bull confined. Would this affect his fertility?—G. L., Greene county, Iowa.

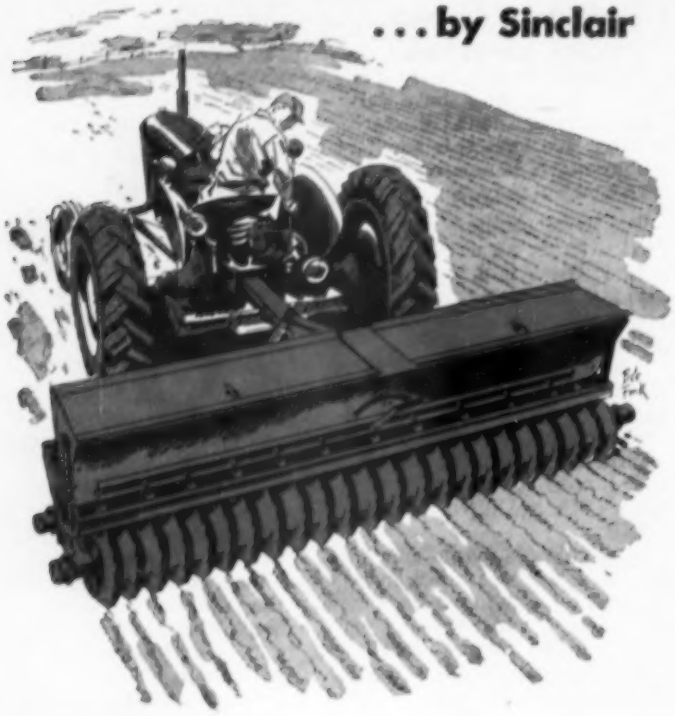
This sounds like the symptoms seen in vibriosis and leptospirosis. Better have your veterinarian blood test your cows for these diseases.

Meanwhile, don't breed any more cows to that bull. Let two heat periods go by without breeding. Then breed them artificially.

"We should have kept closer tabs on her friends. We don't even know who she eloped with."

WHAT'S NEW FOR FARMERS?

...by Sinclair



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does a one-pass seeding job in any of three ways: packer or mulcher mounted – tractor mounted for broadcast seeding – or tractor mounted with tillage tools. Unit is PTO-driven. Seed is accurately force-fed out of hopper by reciprocating chains. Seeding rate is adjustable for any grass, legume, or small grain mixture.

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Keeps the engine of your car, truck or tractor in top operating condition . . . assures smooth, full-power performance at peak loads, and protects against the effects of hot, dusty or damp conditions. Remarkable cleaning action works all the time – your engine stays free of power-robbing deposits. Farm-sized 5-gallon containers have spout attached. Ask your Sinclair Representative about it. Ask him, too, about the new multi-grade oil – Sinclair TRIPLE X!

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NEW! Push-Off Loader-Scraper

Your load of manure, dirt, bales is pushed off, not dumped. No sudden jar when loading spreader with manure. Lifts over five feet. Fits most tractors. Available in 57" and 72" widths. Easily installed. Reasonably priced. Built for years of service. See your nearest dealer or write.

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Bean Acres Go Up Sharply

HOW will farmers shift plantings of corn, oats, beans and other crops this year?

With congress debating crop allotments, price support levels and soil bank plans right up to planting time, no estimate could be very accurate.

But farmers' intentions as of March 1 are worth noting. The annual Intentions-To-Plant report indicated important national changes from last year:

1. Feed crop acreages, except grain sorghum, were scheduled to go down. Farmers said they would reduce corn acreage more than three percent, oats four percent and barley eight percent.

2. Soybean acres were to go up from last year's record totals. Intended increase was almost 11 percent.

3. Crops that farmers expected to hold at about last year's levels were grain sorghum and hay for harvest.

Now let's examine some points in farmers' intentions to plant as of March 1. Why the changes? And which are most likely to be affected by the final farm program?

Corn acreage, if actually cut as indicated, would be at the lowest level, nationally, in 62 years or since 1892. But this trend isn't new. Corn acreage has been going down, and corn yields have been going up steadily since about 1932.

For this year, however, farmers might change their plans from March intentions. Changes in allotments or a new soil bank plan could do it. Acreage might go either up or down from the March 1 intentions.

The big increase in bean acreage rates attention. Total acres for the nation are scheduled to increase from 19.7 million acres last year to 21.8 million acres this year.

This increase is likely to hold with most any kind of farm program. Beans are a good crop for diverted acres both in the south and in the north. And there will be no cross compliance rules.

However, a soil bank plan that provided big per acre payments for acres taken out of corn could definitely hold down on corn acres. And there would be some tendency to reduce the big increase in bean acres.

The intended decrease in feed crop acres, other than corn, may indicate that farmers pushed feed crop acres to the limit last year.

They may have found them unprofitable, and so the intended reduction for this year. Most oats and barley will be seeded well ahead of the time when the new farm program is in effect. So little change in these acreages can be expected.

What changes are ahead in the nation's grass acres?

Little is indicated by the Intentions-To-Plant report. Acreage for hay will be just about the same as for last year. There's no report on acreage to be seeded.

If a soil bank program gets

(Continued on next page)

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for only PENNIES per acre!

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Soy Beans and All Other Legumes

The photo above shows (left) soy bean growth from seeds inoculated with Hansen's and (right) growth from seeds not inoculated but planted at the same time and place. Here's proof that Hansen's Inoculator puts live, active, nitrogen-fixing bacteria to work . . . grows healthier, larger plants with better root development and more nodules. Hansen's Inoculator averages less than 20¢ per acre in cost . . . yet boosts soy bean yields as much as 20 bushels per acre. And the soil is actually enriched for the crops that follow, enabling you to make savings on fertilizer. Yes, Hansen's Inoculator is what you need for bigger profit yields of soy beans and all other legumes. At better dealers everywhere.

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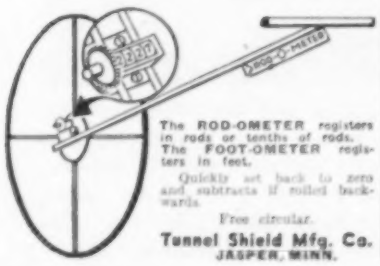

The ROD-OMETER registers in rods or tenths of rods. The FOOT-OMETER registers in feet.

Quickly set back to zero and subtracts if rolled backwards.

Free circular.

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"Don't be alarmed—I'm just playing back a tape recording I made of your snores."

Less corn, more beans in Iowa

(Continued from last page)

into operation, however, seedings might increase. If rules permit, some farmers might put crop land in the soil bank and seed it to alfalfa or grasses this fall.

Iowa farmers, as of March 1, intended to follow the national trend toward fewer corn acres. Reduction indicated was five percent below last year. Total would be 10.3 million acres.

If Iowa farmers actually plant 10.3 million acres, that would be the lowest Iowa corn acreage since 1950. In that allotment year, farmers planted 9.8 million acres in Iowa.

On March 1, Iowa farmers intended to plant the same number of acres in oats as last year. Total of 5.9 million acres, however, is two percent less than the 10-year average.

Soybean acres for this year in Iowa will make a new record at 2.7 million acres, according to March intentions. That's 26 percent more than last year's acreage. And 56 percent greater than the 10-year average.

Based on March 1 intentions, the decrease in corn acres will be more than offset by the increase in bean acres.

Iowa farmers expressed intentions to increase grain sorghum acres to 77,000 acres. This is three times last year's acreage.

However, the Iowa grain sorghum acreage at the intentions figure would still not be significant. It would be only three-fourths of one percent of the state corn's average.

For a good idea on what crop acres in the nation will finally be, note the corn allotment figures finally sent out, and the kind of soil bank plan we get, if any.

Allotments at a moderate level might cut corn acres more than the very small allotments issued a few weeks ago. Farmers would take some acreage cut to get corn loan privileges.

The soil bank plan would probably reduce corn acres if it is passed in time.

STOPPING to get a machine ready for field work during the busy season takes time from field work when every minute counts. That's why topnotch farm managers put all machinery into first class condition before field work starts.

ECONOMY MINDED FARMERS LIKE Peebles' HOGBLOC

New Easy-to-feed Whey-Vitamin Block Keeps Pigs Healthy and Growing Fast

EVERY hog farmer knows that healthy, fast-growing pigs return the greatest profit. And today, whether you're feeding mostly home-grown grains or grain and commercial supplement, Peebles' Hogbloc will help condition your animals and keep them coming fast.

Each 50-lb. Hogbloc is packed with all the conditioning benefits of 60 gal. of fresh liquid whey . . . including vitamins B_{12}, D_2, niacin and riboflavin, plus health-giving lactose (milk sugar) and natural lactic acid.

These are the nutrients that make whey-fed hogs healthier, faster gaining, more resistant to disease. And Peebles' Hogblocs provide all these benefits with none of the bother of slop feeding.

Peebles' new whey-vitamin blocks for hogs are moist, appetizing and firm. They withstand rain, cold and heat . . . let hogs eat what they need without over-eating or wasting.

Ask your dealer for Peebles' Hogblocs. Write for FREE folder (K-4), "New Ways to Feed Whey." Western Condensing Company, Appleton, Wisconsin.

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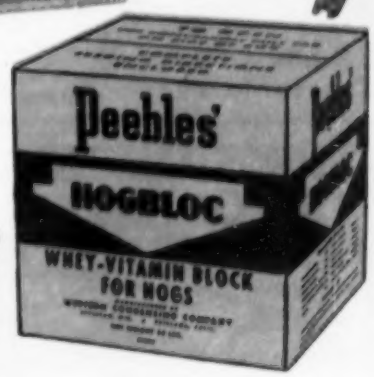
Stake block to ground for easy self-feeding



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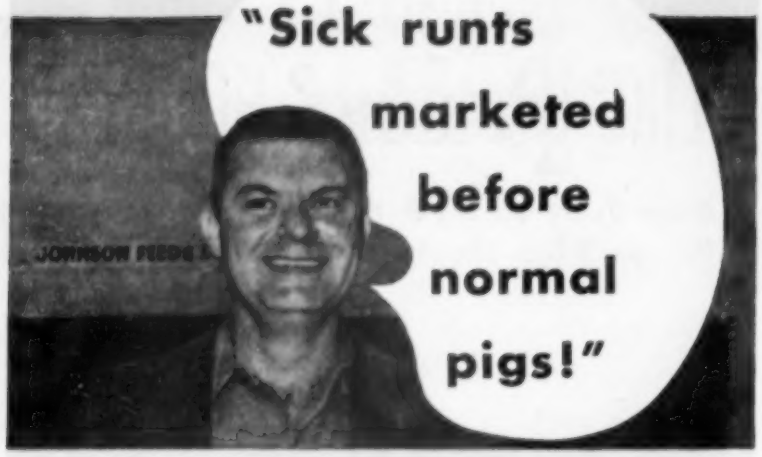

Mr. Bob Cissell, of Sullivan, Indiana, bought 227 normal pigs averaging 70 pounds, plus 40 runts averaging 20 pounds and scouring badly. The first night 3 runts died. The remaining runts were given a standard ration fortified with CSC's Baciferm-PB. From here on the runts became stronger and thriftier and were marketed less than five months after the purchase date. Average market weight was 222 pounds and grading was better than #1 choice. The normal pigs on regular rations didn't reach market until much later — when prices had dropped.

Baciferm-PB has proved effective, when used at high levels in feeds for fighting infectious swine enteritis, hastening recovery, stimulating appetites and reducing mortality. Baciferm-PB is a combination antibiotic supplement containing bacitracin and penicillin that saves you at least 30% over the cost of other antibiotics. You also get a bonus of extra vitamins and unidentified growth factors. Ask your own feed dealer for Baciferm-PB.

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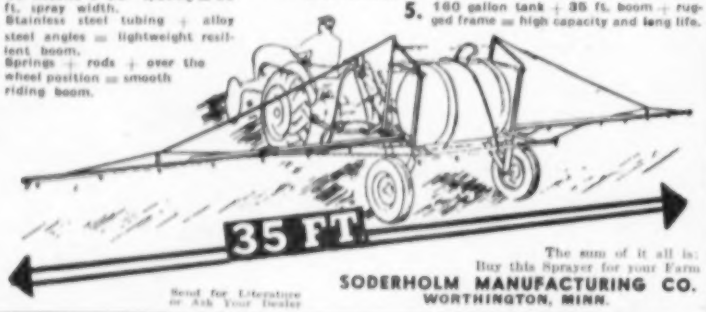

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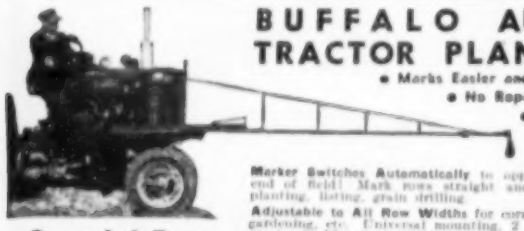

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STEARNS' ELECTRIC PASTE

Noon meal consisted of "foreign" dishes prepared by the women. Table was laden with just about everything from Chinese rice to Italian spaghetti to Dutch apple pie.

Learned about other nations

ANNUAL International Relations Day brought Carroll county, Iowa, women together last month in an attempt to better understand other nations. Photos on this page were made during the event.

Report on conditions in the Holy Land as related to present strife in Israel was given by the Rev. Grant H. Elford of Audubon. Rev. Elford, who visited Israel last year, supplemented his discussion with pictures.

Featured on the program was Dusko Kuzmanoski (left) farm trainee from Yugoslavia. Kuzmanoski, vice-president of a collective farm, is spending 10 months on the Frank West farm in Carroll county under the sponsorship of Farm Bureau. He was interviewed by Jim Thomsen, Farm Bureau fieldman.

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FARM SAFETY HINT FOR THIS MONTH

Now is the time to clean out waste, rubbish and other hazards that might cause costly fires.

This message sponsored by:
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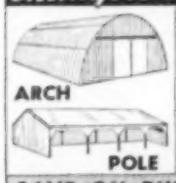

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We sell cheap—save 75%—new and used tractor parts—150 makes and models—1956 catalog ready—send 25c—refundable.

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— OUR ADS ARE NEWS —

Tips For April

Here are some timely suggestions from Francis A. Kutish, Iowa State College farm economist.

APRIL is the month to give the farmstead a "spring cleaning" an Iowa farm housewife writes. Old wire, posts, brush, and other "eye sores" that seem to accumulate around the farm can be loaded up and hauled off.

▼ ▼ ▼

HAVE TROUBLE loading your livestock when you go to market? A Woodbury county, Iowa, farmer built a 16-foot chute. Ground floor of the chute is level with the floor of the truck. Extra length of chute is important. Market animals will walk on the level ground better than up a steep incline.

▼ ▼ ▼

TRUCKERS SAY that often you can save enough from shrinkage and hidden bruises on a single shipment to pay for a good loading chute. Inside width of chute should be 30 to 36 inches. Use smooth solid walls.

▼ ▼ ▼

STEPS OR SOLID cleats will keep the animals from slipping. Marion Steddom, Polk county, Iowa, puts a slight slant to his cleats. Water runs off and doesn't freeze in the winter. A little litter or dirt from the yard spread along the incline will give the chute a familiar odor. Helps get the stock to walk up the chute.

▼ ▼ ▼

A SNOW FENCE CORRAL makes the job of vaccinating and castrating pigs easier for a Benton county, Iowa, farmer.

▼ ▼ ▼

SELF-FEEDERS located close to the outside fence permit filling without opening gates. Or, the feeder may be located in the fence line to serve two lots.

▼ ▼ ▼

APRIL is the time to cull the slackers in the laying house. You can't afford to put feed into the loafers.

▼ ▼ ▼

HOME MANAGEMENT specialists at Iowa State College say that it's best to adjust housework peaks so they don't come at the same time as outdoor peaks—especially peaks of farm work where women help.

"Oh, good; Bad weather?"

"Ever Want to STRETCH a Raindrop?"

. . . Anhydrous Ammonia will do this for you! Builds roots that get the deep-down subsoil moisture! More Nitrogen too — at lower cost!

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ANHYDROUS AMMONIA
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Anhydrous Ammonia delivers up to four times as much Nitrogen per dollar as any other form of fertilizer. Applied from four to eight inches in the soil . . . A.A. feeds roots instead of weeds. Makes subsoil moisture more available Builds higher protein content in your corn. A.A. goes to work fast. Combines with the soil and stays with it. Won't wash out.

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ATLANTIC	Pellett Petroleum (Nitro Gas)
BANCROFT	Murray Elevator
BONDURANT	Carpenter Supply Co.
BRITT	Farmers Cooperative Co.
BURDETTE (Ia.)	Fert. Serv. Inc.—P. O. Alden, Ia.
CEDAR RAPIDS	Kling Seed Co.
CHARLES CITY	Agr. Service Co., Bonzer & Bryan
CHEROKEE	G. & O. Fertilizer Co.
DES MOINES	Superior Oil Co.
EAGLE GROVE	Propane Gas Co-op.
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EMMETSBURG	E. C. Miller (Ruthven, Ia.)
FARRAGUT	Farragut Fertilizer Inc.
GRAND MOUND	Modern Service, Inc.
HAMPTON	Martin Bros. (Arnold Martin)
HARDY	L & S Fertilizer Co. (Mor-Gro)
HUMBOLDT	L & S Fertilizer Co. (Mor-Gro)
IOWA CITY	Capitol Propane Co. Inc. ("C-P 82")
JEFFERSON	Andrew Farm Store
LINCOLN	Ware & McDonald
LAWTON	Farmers Fertilizer Co.
MASON CITY	Legreid Farm Service
MECHANICSVILLE	Vic Gaul Fertilizer Service
MONONA	Harvey Marting
MONROE	Pfister Associated Growers, Inc.
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CONGRATULATIONS TO ALL MANUFACTURERS WHO ARE SUPPLYING THE ABOVE DISTRIBUTORS AND DEALERS

To start farming . . .

How would you invest it?

"A YOUNG man with farming experience and good health has $25,000. He wants to start farming for himself. In view of present conditions, what type of farming would you advise?"

We put that question to Iowa's Master Farmers. They're veteran operators, recognized for "good farming, clear thinking, right living."

Here are excerpts from a few of the answers:

E. HOWARD HILL, Dallas county—I would suggest that any young man who has $25,000 to invest in farming should try to associate himself with some older livestock man. . . .

It seems to me that this would be a good time to go into a swine program, and probably into cattle feeding. One could buy breeding stock at a very rea-reasonable price now. And frankly, I have a lot of confidence in the future of the livestock industry.

If I were this young man, I would try to go into a three litter hog program along with a modest cattle feeding program. . . .

I would not recommend that the young man spread himself thin by buying a farm at these prices—unless he found a real bargain.

MAYNARD MENIFEE, Fayette county—If I were a young man with $25,000, I believe I would get a 40-hour a week job, and invest the $25,000 in stocks. . . .

Seriously speaking, a young man should try to get a large enough unit to utilize machinery and other equipment necessary in farming today. A good 240-acre farm with a well-rounded livestock program probably would be the most economical unit.

FRED K. BRUENE, Tama county—Diversified farming would be most advisable for the young man who wants to start farming. My reasons:

First: It offers opportunity to use to best advantage all the resources the average farm offers—and at the same time keep those resources from being depleted.

Second: In the long run, it offers a profitable way to market most of the crops produced—namely by feeding to livestock.

Third: Diversified farming is a very flexible type of farming. It is easy to expand or contract any one of the farm projects as indicated by supply and demand. Then too . . . . you do not have all your eggs in one basket.

As to present conditions, there are some things that can be an advantage to the young man who wants to start farming now. . . . Livestock prices may now be near their low point. There is a good chance for livestock prices to rise in the near future. Even in farm equipment, good bargains can be found—if one has cash to work with.

NAME WITHHELD, Southern Iowa—The way hog prices have been the last few months, he might be just as far ahead to play the horses. At least he would get some fun out of spending the money.

DALE BLACKWELL, Davis county—After much thought and consideration, I would have to decide in favor of grain farming.

I have always felt that a good livestock program would pay off over a period of years. But with price supports set up as they have been in the past several years, there is no doubt but what there would be less risk and less labor in grain farming.

LEWIS GREASER, Benton county—In reaching his decision, I don't believe he should let himself be influenced too much by present level of prices on any one commodity. The relative level of prices of different products goes in cycles. And they may fluctuate rather violently.

Over the long pull, raising hogs and feeding a limited amount of cattle has paid off for the efficient feeder. I believe they will again. I am a firm believer in diversified farming.

OSCAR W. JOHNSON, Marshall county—Dairying is the only line under present conditions that a man starting farming would be reasonably safe in risking everything on one source of income.

Two reasons: A very stable and expanding demand for milk steadies the outlet. And overcrowding is held back by this thing of work twice every day, 365 days a year. That just does not have appeal in these days of 40-hour weeks.

If other than dairying, then several income sources should be planned. But cattle must be one of them. . . .

LEIGH R. CURRAN, Cerro Gordo county—A beginning farmer should select the type of farming that he likes, one in which he has had experience and one that fits his farm.

Purchasing land would not be advisable with only $25,000. . . . The beginner should see that he does not overextend his operations so that a second year's operation could be financed in case of crop failure, livestock losses or low prices.

He should hit for the highest gross income possible for his farm—utilizing all the cropland to the best advantage, and raising livestock to use his labor.

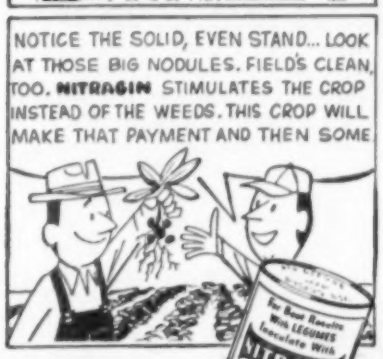
C. B. SCHAGER, Franklin county—It seems to me that this young man should be looking for a farm to buy. For example: 160 acres at $200 per acre would cost $32,000—with a $16,000 loan.

Buy used machinery. I am confident that a good hog and beef program will be good again if properly managed. Chickens? Okay. Dairy cows? Good, if he can sell grade A. Renting extra land should be a good move.

I think he should farm more than 160 acres; but would prefer that to renting only 160 or 200 acres.

GEORGE V. LEFFLER, Van Buren county—If this money was inherited or married, he had better sit on it—unless he is a world beater! . . . If he has earned and saved the money, he doesn't need our advice.

Soybeans Meet the Mortgage



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BATAVIA, ILLINOIS

SAVE YOUR LIFE!

The old junk-pile can be a dangerous place to play. True story below is reported by Norval J. Wardle, Iowa State College safety specialist.

"BANG! You're dead!"

"You didn't hit me. You can't shoot straight," six-year-old Timmy called from behind the pile of old machinery which he used as a fort.

Timmy and Junior, the six-year-old from the neighboring farm, often played war around the old machinery and other junk. The battle field was far enough from the house that Timmy felt more grown-up, yet near enough that Mother could see them playing.

"I'm almost out of shells," Timmy called. Junior came charging around the pile of old machinery.

"Bang! Bang! Bang!"

Timmy jumped up. "Bang! No more shells." Up onto the old disk, he climbed, with Junior shooting all the time.

"Bang! Bang!"

Timmy went to jump, but slipped and fell down into the trash below. He lay there still. Junior came running.

"Surrender! Surrender! I win. I win." Then he noticed Timmy was lying very still. He touched him. Timmy didn't move. Then he noticed blood on Timmy's face.

"Mrs. Bennett! Mrs. Bennett!"

Timmy was not badly hurt—a cut on his forehead. He was sitting up when Junior and his mother got back. However, he will always have a scar over his left eye, where the doctor took six stitches to close the wound. The doctor said some sharp point did it. It was a marvel it didn't hit his eye.

Old machinery and accumulated junk do not make a good play yard for children. Telling children to be careful does not solve the problem either. Perhaps Timmy was not careful in climbing over the old disk. However, he said he climbed up there as carefully as he could.

Now is the time to clean up, paint up and fix up. A spring housecleaning can remove many hazards which can hurt, maim and kill.

The Iowa Farm Safety Council urges all farm people to participate in Spring Clean-Up Week, April 15-21.

"Where did you learn to play croquet?"

EGGS and more eggs are the goal of Dale Hardy of Clarion, Iowa. With farm prices the way they are, poultry can make the difference between profit and loss. "We're always after poultry profits," says Hardy, "and a complete FELCO Poultry Management Program helps." Why don't you look to your laying flock for extra profits this year. Your local farmers cooperative can help you. That's the only place you can get FELCO.

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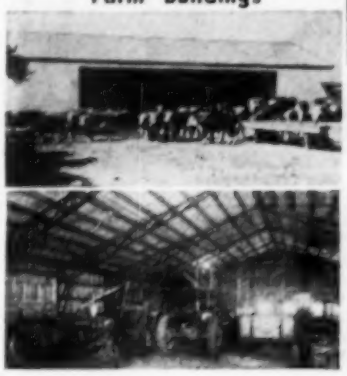
Complete Packaged Farm Buildings



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EASY TO ATTACH-EASY TO ADJUST

Mounting bracket mounts on back of tractor. Quick to attach or take off. Adjusts to any desired angle. Goes anywhere tractor will go.

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One sprayer DOES EVERY JOB of spraying all types of weed killers, insecticides, defoliants and liquid fertilizers. Fields and row crops up to 56 ft. at high or low gallonages per acre. Also, spray livestock, orchards, spot spray of buildings, machinery, weeds, etc., with controlled volume and spray pattern from one spray gun.

Powered by the *new wear-resistant "Nylon-Roller" pump.* Proved best for work and wear. Develops plenty pressure and volume for any and all spraying jobs. *Up to 350 lbs. pressure. Volume 4 to 15 gal. per minute.*

Model 25LM *(Illustrated)* with #250 Nylon-Roller pump for pressures up to 250 lbs. PTO connection, 400 lb. pressure gauge, 10 ft. heavy intake hose, suction strainer, 10 ft. by-pass hose with pressure regulator and fittings, 25 ft. pressure spray hose with the new 3-way spray gun and adjustable tractor mounting bracket. **Priced at $89.50** postpaid for cash with order.

NOTE: Sprayers may also be equipped with 50 ft. of spray hose at extra cost of $8.50.

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Model 35LM — Same as Model 25LM but with #350 Nylon Roller pump. Priced at $112.50 postpaid.

"BEAT THE SQUEEZE" is the by-word in the Robert Severin home in Lowden, Iowa. Severin knows a FELCO Feeding Program helps make more profit. The ingredients in FELCO are the best available and the purchasing power of more than 130,000 Iowa farmers assure extra savings. Buying feed right is just as important as selling right. Talk it over with the manager of your local farmers co-operative. That's the only place you can get FELCO.

Farmers tell their ideas on

Farm policy

Is 90 Percent High?

To the Editor: I'm tired of reading about so-called "high rigid supports," as labeled by the Farm Bureau and the administration. Why can't we just say rigid supports? Is 90 percent of what a product is worth, high? Does any other segment of our economy settle for 90 percent?—Lawrence E. Seemann, Boone county, Iowa.

Against Controls And "New Ideas"

To the Editor: I have been farming for just three years—having put in two hitches in the army. And I believe I'm about as hard pressed right now as anyone . . . .

The thing that actually gets me is that we have to have all kinds of different farm organizations representing us, when we can all speak and act in one fully as well. I can't see where we are going to get anywhere with one organization pulling one way and the others in a different direction. . . .

In short, I am not in favor of controls in any way whatsoever—or any payments for anything, direct or indirect. It's these payments we received in the first place that got us into this mess. So let's not blame one man for the whole thing. And let's not try and bring up a whole bunch of new ideas that won't do anything but take extra money from us and form nothing but confusion.—Laverne T. Elling, Jackson county, Iowa.

Says She Can't Understand

To the Editor: I can't understand how any man that talks like Charles B. Shuman about the farm programs not helping farmers ever got to be president of the American Farm Bureau Federation!—Farm Wife, Mahaska county, Iowa.

"I think this one here will do just fine!"

INCREASE FARM PROFITS!

KILLS CORN BORERS by pulverizing, mulching and firming soil on cornstalks that have been plowed under — corn borers are smothered in ground. Saves time, labor, horsepower, preparing ideal seedbed. Leaves surface mulch without grooves to help prevent washing. Seedbed conserves moisture — more seeds grow. Helps increase yields of all crops. SEEDBED MAKER has 5 in 1 Combination spring tooth harrow, sprocket packer and mulcher with seeder available. Once over your plowed field with this machine does the ideal job. Write today.

TRAILER MOUNTED FOR POWER TAKE-OFF. Has traveling feed table. Especially designed for grinding or chopping larger quantities of loose or baled hay and any roughage. Comes with or without Trailer Mount and P.T.O. Both cutter knives and heavy swing hammers. Grinds any feed, wet or dry, snapped or ear corn, roughage bundles or baled flakes with farm tractor. Write for details.

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. . . gives you the fastest positive-action connections on **any** sprinkler system.

ONLY AMES GIVES YOU ALL THESE COUPLER FEATURES:

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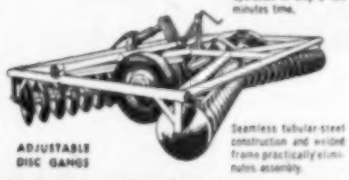
NO GREASING

Super-sealed Timken bearings permit 15 per cent less pull and eliminate the necessity of greasing zerks. Easily converts from manual to hydraulic operation in only a few minutes time.



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More Mowing Features than any other Rotary on the market.

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JUST WHAT YOU HAVE BEEN LOOKING FOR
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THE LAZY DAZY FISHING ROD HOLDER
FITS ANY POLE

"My wife ran off with the hired man, and I need him so bad right now."

How Surplus Watches Were Handled

To the Editor: During World War II, I was stationed in Europe. And after the conclusion of hostilities, I had reason to visit the large Army Air Corps supply depot located at Burtonwood, England.

There, I saw an amazing sight. In one of the larger hangars, I witnessed the destruction of hundreds of pilots' and navigators' watches. The watches were layed out on mess tables by the hundreds. And two privates were systematically smashing them in the face with hammers while a second lieutenant checked them off, by the numbers, on a clip board.

Those watches were manufactured by Elgin, Bulova and Waltham, and were contracted for by the government—with the promise that they would never be brought back to depress the manufacturers' future production and prices. The entire nation, therefore, bore part of the cost of that over-production.

Under flexible price supports, the farmers and the farm communities alone will stand the cost of reducing the war-time surpluses that rightly should be divided among all the taxpayers.

Punishing the farmers thru lower and lower prices will only add to our surpluses. Farmers will be forced to work harder and do a better job of management in an attempt to make a living. When a farmer does fall by the wayside, his farm will be taken over by a more efficient man who has survived thus far, and who will produce more on the same land and therefore add to the problem.—Darrah L. Roberts, Hardin county, Iowa.

Keep Government Control Out

To the Editor: The more the government invests in the farmer, the more it is going to tell the farmer what to do and how to do it—only then with penalties for different groups as past performances have shown.

I wonder what would happen if Mr. Farmer would set himself up in a straight five percent organization dues. This to be checked off of total farm income —to be used to improve, investigate, police and control farm production and land use. A program of the farmer, by the farmer and for the farmer's freedom — keeping government control out.—"A Hayshaker," Rock Island county, Illinois.

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Let The BRADY Do The Grazing
NOW PRICED UNDER $1,000
INCLUDES ALL ATTACHMENTS TO QUICKLY CONVERT TO FORAGE HARVESTER
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Low-Cost Dry Lot Program
With the BRADY cattle no longer go to pasture They eat fresh, green forage from field bunks while the BRADY does the grazing. Surplus forage is stored in silos or stacks for dry summer and winter feeding. All grass, cornstalks, row crops, are utilized at the height of their nutritional value with the BRADY Low-Cost Dry Lot Feeding Program.

EVERY FARMER can now own a FORAGE CHOPPER.
DON'T SPEND $3,000 or more when you can get a BRADY for Under $1,000.

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Here's a message aimed at giving you more corn profits. Read it . . . clip it . . . discuss the matter early with your county agent, dealer, custom applicator, farm group, and neighbors.

the news you've waited for

Best Way to Control Corn Borer
. . . Granular DDT made with "GRANULAR ATTACLAY"

With the *new, approved* Granular DDT method —made even better by the original pioneer carrier, *Granular Attaclay*—you can be sure the corn borer won't menace your corn profits.

Advantages of Modern Granular Pesticide Method:

SAFETY—Graze stock or make silage after harvest with a new safety never possible with previous control methods.

ECONOMICAL—An application kills corn borers for a much longer period than ever possible before.

EFFECTIVE—Hits the stalk, filters to the whorl, kills the borers at point of greatest danger—where leaf joins stalk.

RECOMMENDED—Fully approved on the basis of large-scale work by U.S.D.A. and the State of Iowa on Iowa corn ground.

Corn Growers With Borers To Kill . . .
Dealers With Growers To Satisfy . . .
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"BUY EARLY"
makes good sense to processor, dealer, grower.

Why you should demand Granular Pesticides made with "Granular Attaclay"

Granular Attaclay is the material (carrier) on which the pesticide manufacturer puts the poison. By weight, our carrier is about 95% of the finished product you buy, so *quality* and *dependability are important.*

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- Excellent poison release properties
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- Almost no drift . . . goes where it's aimed . . . no waste
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- Produced by a major pioneer supplier of carriers for post-killing chemicals . . . dusts, wettable powders, granular soil pesticides, herbicides, fungicides, etc.
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This modern milking barn is a fine example of the way farmers are using concrete and concrete block to help produce top quality milk . . . in less time with less effort.

An arrangement like this is easy to clean. Rigid, Grade "A" standards are easier to maintain. Inside, elevated stalls take the stoop out of milking. Chore time and steps are reduced to a minimum. Outside, the extended north wall serves as a windbreak for cows as they leave the barn. The concrete holding lot pays for itself by saving manure.

Your concrete products manufacturer, ready mix concrete producer or building supply dealer will be glad to discuss this and other concrete improvements with you.

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Three men and a boy can build this concrete milking parlor (32' x 13' 6") and milk room (16' x 14') with these materials:

FOR FOUNDATIONS, RAMPS AND FLOORS
34 cu. yds. ready mix concrete
or
204 bags Lehigh Cement
19¾ cu. yds. sand
27½ cu. yds. gravel

FOR WALLS
20 bags Lehigh Mortar Cement
2½ cu. yds. mortar sand
764-8x8x16 regular concrete blocks
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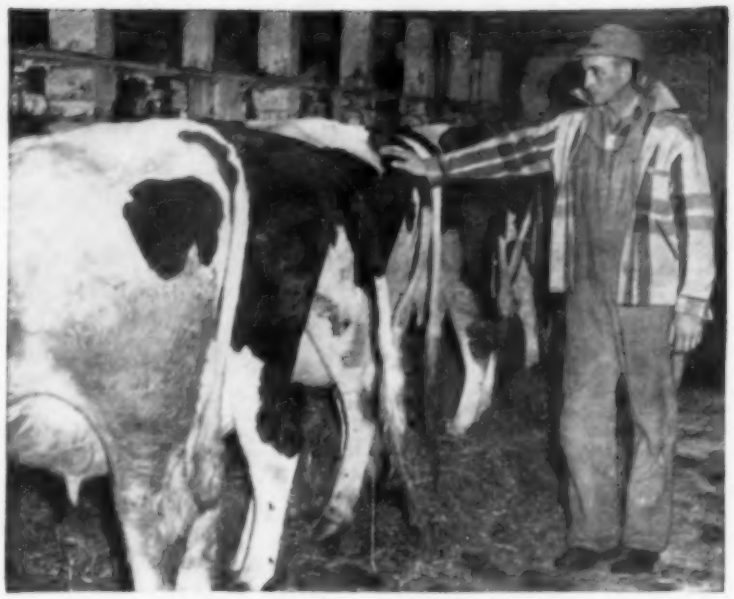

Now milking 34 cows, Ed Lenth of Allamakee county, Iowa, has doubled his herd size in the last five years. And he expects to add five more cows to his milking herd this year. Lenth has quit raising hogs.

We still have a dairy problem!

Milk output zooming! Price support purchases are rising

by **Dave Bryant**

DAIRYMEN, this year, are heading for a new record in milk production.

And government purchases of dairy products under the price support program have been increasing during recent months.

Those are facts you should know about the dairy business. They're straight from USDA reports. But they don't get much emphasis by Secretary Benson and other advocates of flexible price supports.

It has been two years, now, since Secretary Benson lowered dairy price supports to 75 percent of parity. Purpose of the move, it was explained, was to discourage milk production and bring supply into line with demand.

With lower prices, a lot of dairymen got disgusted. Some quit milking cows. Others culled more closely. Dairy cow numbers dropped off—altho milk production continued to increase.

Government purchases of dairy products under the lower price supports declined from a high of 11 billion pounds (milk equivalent) in 1953 to about five billion pounds in both 1954 and 1955.

And—due to an unprecedented give-away program—stocks of price supported dairy products in government storage now are lowest since 1952.

But that picture appears to be changing. USDA economists now are predicting a total milk output of 126 to 127 billion pounds in 1956. That compares with a total production of 123.5 billion pounds in 1955—the previous record high.

And that prediction could be conservative. Milk production during January and February was seven percent above the same period a year ago. That increase, alone, amounted to about one-third of the predicted increase for the entire year.

What about the demand for milk products?

Per capita consumption in 1955 was about one percent above 1954. And 1954 showed about the same increase over 1953.

Last fall, USDA economists estimated that the population increases would take care of an extra two billion pounds of milk this year—at the 1955 rate of milk consumption per capita. The increase in milk production during January and February, alone, provided for about half of that expected increase in demand for the entire year.

You'll remember, of course, that production has been running ahead of demand for the last several years. And during recent months, government purchases of dairy products have been rising.

Government purchases of butter during the six-month period ending March 1, were more than double the butter purchases during the same period a year earlier. Cheese purchases were boosted by 50 percent for the same period. And dried milk purchases were up 31 percent.

So with milk production increasing faster than milk consumption, the dairyman can't see much chance for the support price to be "flexed" upward.

Iowa dairymen are keeping pace with the nation's boost in milk production. They produced nine percent more milk in January and February than during the same two months a year ago.

Part of the increase in milk production is due to higher production per cow. Dairymen have

(Continued on next page)

This Ringling Bros Circus team appears in the Greatest Show on Earth

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ABSORBINE

It's not coincidence that famous exhibition teams and weight-hauling champions are treated regularly with Absorbine. This world famous liniment works while the horse is on the job, helps prevent a simple bruise or swelling from becoming a more serious Bog Spavin or Bowed Tendon condition. Does not blister skin. Only $2.50 for a large bottle at all druggists. W. F. Young, Inc., Springfield, Mass

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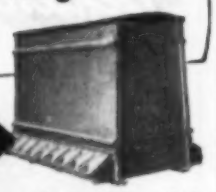

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MT. PLEASANT 3, IOWA

Dairy problem

(Continued from last page)

been culling their herds—stressing efficiency.

That accounted for the increase in total milk production while dairy cow numbers were declining. Now it appears that the decline in dairy cow numbers may be slowing up.

The USDA reports an increase in demand for dairy cows. And Robert L. Dunning of Allamakee county, Iowa, can believe that report.

"About a year ago, I advertised springing heifers. But I got no inquiries. Couldn't even sell 'em," Dunning reports.

"But this year I've had a lot of inquiries. People drive along the road and see my herd. And they stop to ask if I have anything to sell," Dunning says. The Allamakee county dairyman, like many others, is boosting his herd size. And he's glad, now, that he didn't sell the heifers last year.

Present support prices are 78 percent of parity for butterfat and 82 percent of parity for manufacturing milk.

Why the increase in demand for dairy cows when milk prices are supported at those levels? Two big reasons:

1. Dairying now is in a relatively better position than other livestock enterprises. There are no supports on pork, beef or poultry prices. So even low supports on dairy products look good to the hog raiser, for example.

"Some farmers around here are going back to milking," reports Art Trumm of Delaware county, Iowa. "It always happens. When hogs were a good price, some of 'em quit milking."

Census figures show that Delaware county, for example, has 1,800 more dairy cows than it had 18 months ago.

2. The trend toward larger herds and some specialization continues.

Fixed costs remain the same. Lower prices have narrowed the margin. So dairymen strive to bolster net income by increasing volume.

Milking 15 cows now, Vernon Holmes of Greene county, Iowa, expects to be milking 20 cows by the end of the year.

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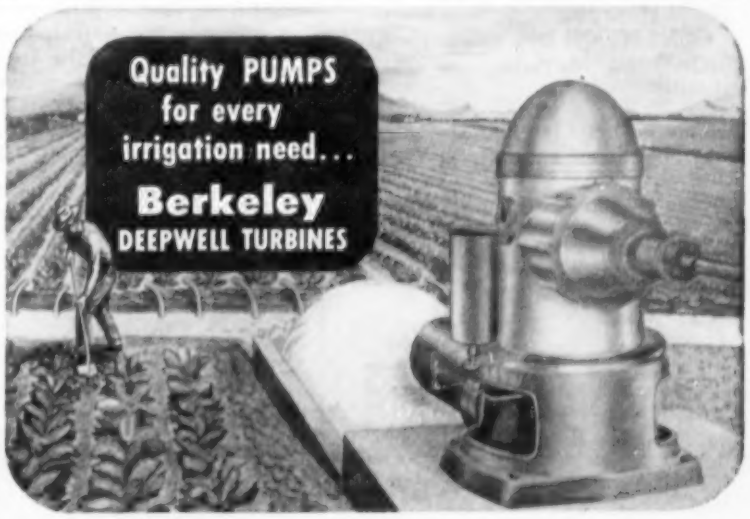

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I WAS JUST FIGURING...

—by Cy Watkins

How'd you like to have an **extra $200, $300, $400** dropped in your lap this summer?

You say, "Listen Cy, I could sure use an extra $300 but it sounds mighty fishy . . . nobody gets $300 dropped in their lap."

Honest injun, this is no trick. If you've got dairy or beef cows out on pasture, I can show you how to pick up some extra dollars for practically nothing.

Here's the how and why. All kinds of practical "on the farm" tests show that **the average 20 cow herd will produce an extra $300 worth of milk per season if you just protect 'em from flies in the pasture.** The reason is simple. If they're pestered with flies, they're not eating as much as they should so they don't make as much milk. They're standing in the shade fightin' flies instead of out mowin' the grass.

So if you're milking 20 cows, you'll get an extra $300 worth of milk . . . less the cost of the fly control, which costs very little if you use the new Watkins Livestock Spray Concentrate.

I said NEW Watkins Livestock Spray Concentrate and that's just what it is . . . a real humdinger. Just mix it with water and spray it on your cows every two or three weeks. It's like putting armor on 'em. Keeps the flies off and lets 'em be about their business of making meat or milk.

One other important thing you should do for cows on pasture . . . make sure they're getting enough *mineral* to balance all that grass. If the soil is mineral-shy, the forage will be, too. So they can't convert all that grass to milk and that's a heck of a waste!

Now I don't know whether or not your pasture is mineral-shy. Most are, but you just can't tell by looking. But it doesn't matter because there's an easy and inexpensive way to be sure, and that's with a Watkins Stock Mineral Block.

It's a kind of an *automatic* grass balancer. If cows don't get enough mineral from natural sources they'll take just what they need from the block. The Watkins Stock Mineral Block furnishes calcium, high-quality phosphorus and all the other minerals they need. Just set it out near water like a salt block.

Your Watkins Dealer has both of these products for livestock on pasture . . . the Livestock Spray Concentrate and the Stock Mineral Block. Take a look at 'em next time he stops by.

The J. R. Watkins Co., Winona, Minn.

Farm and feedlot

Creep Feed Lambs For Early Market

Creep-feed your lambs, and you'll get them to market earlier, says J. M. Lewis of the Illinois College of Agriculture.

Location of the creep feeder and palatability of the ration are important in getting lambs to eat, Lewis says.

Tests at the Dixon Springs, Ill., station showed that lambs there ate more feed from the side of the feeder in direct sunlight. So if your lambs aren't using the creep, see that it is dry, clean, located near the ewe's feeding area, and in direct sunlight, if possible.

Lambs in tests at Dixon Springs preferred soybean oil meal to other protein supplements. And they liked cracked shelled corn and whole oats better than the same grains in other forms.

Antibiotics Speed Maturity

Antibiotics in a ration tend to bring earlier sexual maturity in young animals, according to N. R. Ellis of the United States Department of Agriculture.

Limited experiments have shown that antibiotics can favorably affect breeding cycle of hogs, hatchability of eggs, and survival of new-born pigs and chicks.

An extra pig or two per litter resulted when mother sows were fed a gestation ration including an antibiotic. The extra pigs were due to birth of more live pigs and better ability to survive until weaning.

The tests did not show any increase in the number of embryos produced by the sow or in the birth weight of pigs. Increasing the dose to five or 10 times the normal level failed to give any additional benefits.

Artificial Breeding Gains In Iowa

A total of 311,531 Iowa milk cows were bred artificially last year, according to Robert Fincham, extension dairyman at Iowa State College.

This is equivalent to 35.6 percent of the milk cows (two years and older) in Iowa as of January 1, 1955. Total is 8,367 more than were bred artificially in 1954.

Fincham reports that, to date, 2,417 daughter-dam comparisons have been made in Iowa DHIA's in which the daughters were artificially sired. The "artificial" daughters averaged 10,988 pounds of butterfat, an increase of 565 pounds of milk and 31 pounds of fat over their dams on a mature equivalent basis.

Poor Germination In Soybeans

Of the soybean seed samples received this season at the Iowa State College seed testing laboratory, 18 percent have less than 80 percent germination.

L. E. Everson of the seed testing laboratory says that some of this low-germinating seed would produce poor stands.

There's still time to get soybeans tested. The college testing lab is able to test seeds within four to five days after receiving them. This prompt service is partly due to the fact that farmers sent in a large number of seed samples for testing in early winter.

PAW TUCKER—They'll do it every time!

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Unbelievable? May Be! Yet, Behlen All-Steel Bar Mesh Corn Cribs are Post-Fab Galvanized—every inch covered with a heavy zinc coating AFTER all assembly and welding.

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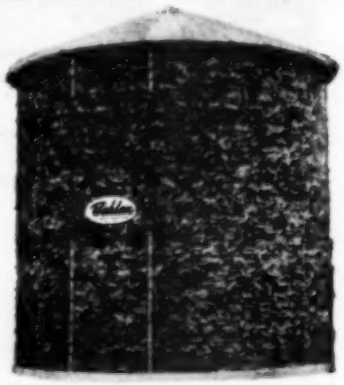

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Knoedler's special burr mill grind makes more meat or milk out of your ear corn, oats and small grains. Grind it anywhere—feed it fresh-ground, uniform-size, flour-free—watch daily gain go up! Why lose money on dust . . . or extra time and labor? Why pay for custom grinding? Your Knoedler Burr Mill will pay *you* with profit—even on today's market!

MAXIMUM CAPACITIES
600 bu/hr SHELLED CORN
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Portable or stationary
Auto or standard wheels
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OLD SCRATCH is a simple machine yet it has these very important features: No pumps—no valves—no diaphragms—no levers—nothing to clog up—no brushes to replace—positive oil flow adjustment—15 gallon capacity—fully automatic—completely all metal construction. Weather conditions, even extreme cold, have no effect on the efficient operation of OLD SCRATCH.
The one-piece design enables the cow to scratch any part of the body. OLD SCRATCH, complete with base, is portable and can be quickly moved to wherever you please.

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See your local agent or order direct.
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Use d-CON as directed and
GET RID OF RATS AND MICE FOREVER!

You don't have to be an expert! — anyone can use clear, odorless d-CON!

Don't gamble with the 27 dread diseases known to be carried by rats and mice. End property loss, food contamination and risk of fires caused by these vicious rodents. Follow simple directions and d-CON is safe to use around children and pets yet so effective it rids your property of rats and mice forever! Get d-CON today! Stop rat disease and destruction NOW!

d-CON with LX3-2-1 works where traps and poisons fail

Rats are smart. As soon as one or two are caught in traps or killed by poison, the rest of the rat colony becomes bait-shy. Because d-CON is odorless, tasteless, and causes no pain, rats and mice never realize that d-CON with LX3-2-1 is causing their death.

d-CON IS GUARANTEED TO RID YOUR PLACE OF EVERY RAT AND MOUSE IN 15 DAYS—OR MONEY BACK.

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Phone 1992

Plant corn in furrows?

YOU'LL want to save every possible drop of moisture for your corn this year.

On sloping land, using a lister or furrow openers should help. Listers seem best suited to western Iowa, particularly the deep, loess soils. Furrow openers look like a good bet thru the rest of the state—even on level land. They are easily added to most planters.

Chief advantages are saving water, soil and field work.

Eugene Quirk of Buena Vista county, Iowa, says, "If we get any moisture this year, I'm going to keep it. Contour listing looks like the best way."

Research backs him up. Contour listing with terraces saved over two inches of water and 23 tons of soil per acre. That's compared with surface planting up and down hill in western Iowa.

Hard ground listing prepares the seedbed and plants corn in one operation.

George Watson of Sac county, Iowa, figures listing saves five to six dollars an acre in field preparation.

Sod is plowed, and sometimes disked, ahead of listing. This loose ground listing often requires extra packing in addition to that done by packing wheels on the lister.

"When loose ground listing, packing is a must," warns Roy Wright, Plymouth county, Iowa.

Many farmers use car or truck tires on a type of cart pulled behind the lister. The cart can be loaded with weight as needed.

Weeds are easier to control in corn planted in furrows. In fact, that's the main reason for using furrow openers on level land.

A rotary hoe or harrow throws some soil into the furrow and covers small weeds between the corn plants. Folks who list often get by with a single shovel cultivation. That leaves the land level.

William Riley of Sac county, Iowa, says, "Weeds are easier to control in corn planted with a lister. Cultivator shields can be adjusted to let just the right amount of soil roll into the furrow."

Corn planted in furrows has a disadvantage. It gets a slower start after planting. So starter fertilizer applied with the planter is important.

L. J. Baxter and son, Stanley, of Ida county, Iowa, fertilize according to soil test recommendations.

Stanley Baxter says, "Starter is extra important when weather at planting time is cold and wet. It helps corn start quicker."

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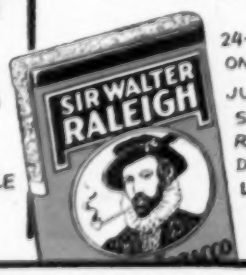

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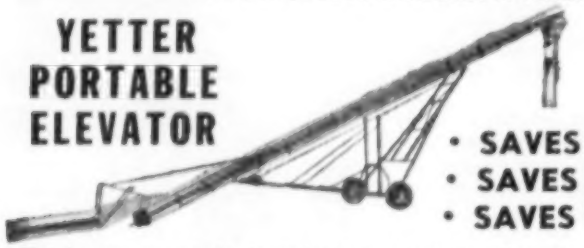

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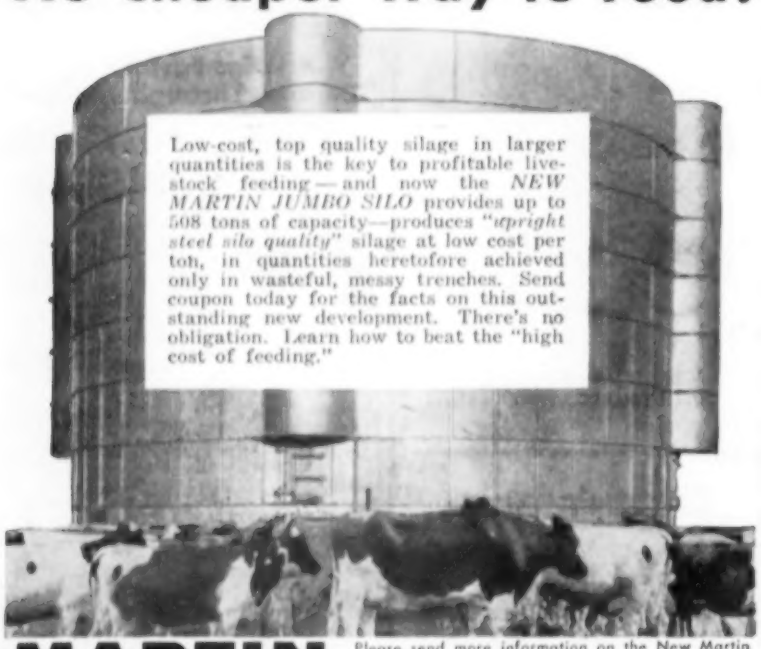

Low-cost, top quality silage in larger quantities is the key to profitable livestock feeding — and now the *NEW MARTIN JUMBO SILO* provides up to 508 tons of capacity—produces *"upright steel silo quality"* silage at low cost per ton, in quantities heretofore achieved only in wasteful, messy trenches. Send coupon today for the facts on this outstanding new development. There's no obligation. Learn how to beat the "high cost of feeding."

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Please send more information on the New Martin Jumbo Silo and the feeding plan it makes possible.

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EASY TERMS

Turn your home-grown grains into high grade feeds and SAVE! World's Largest Selling Mixer—5 sizes, 700 to 4000 lbs. per batch. 30 day trial guarantee. WRITE for Free Catalog today!

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DRAINS cellars, cisterns, wash tubs. **IRRIGATES • CIRCULATES • SPRAYS** **7.95**

Pumps 3,000 GPH; 450 GPH 30' high; or 1,800 GPH from 25' well. Use 1/6 to 1/4 HP motor. Coupling included free. 1" inlet, 3/4" outlet. Stainless steel shaft. Won't rust or clog . . . 37.95

HEAVY DUTY BALL-BEARING PUMP

Up to 7,500 GPH, or 3,000 GPH from 25' well. 1 1/4" inlet, 1" outlet $12.95

Postpaid if cash with order. Money Back Guarantee.

LABAWCO PUMPS, Bells Road 63, New Jersey

Saturday afternoon may be more important than Saturday night for many farmers who shop in town. Scene above in Columbus Junction, Louisa county, Iowa.

When you go to town

Night shopping is less important now, but Saturday night is still preferred

DO FARMERS want stores open on Friday night, Saturday night, or some other night? Or don't they care?

Both farmers and town merchants are interested in the answers. So the Wallace-Homestead Poll asked farm people this question:

"What night of the week do stores in your town remain open?"

1. Friday night	12%
2. Saturday night	69
3. Other night	19

Saturday night gets the popular vote. Then the Poll asked another question:

"Which night of the week would you like to have the stores stay open?"

Farm people answered like this:

1. Friday night	9%
2. Saturday night	74
3. Other week night	11
4. No choice	6

This looks as if Saturday night was the clear favorite. But comments from farmers indicated that they weren't actually much interested in which night stores stayed open.

Here are some comments:

"It makes no difference to me. We very seldom go to town to shop in the evening."—Kossuth county.

"Night shopping hours don't interest me at all. I always go early in the morning to do my shopping."—Cedar county.

"I don't care. We never shop evenings anyway."—Cerro Gordo county.

While city people are pushing for more nights when stores are open, country people seem headed the other way. They are doing more daytime shopping.

An earlier Poll asked farmers on what day they usually went to town and got this answer:

Monday	1%
Tuesday	1
Wednesday	2
Thursday	1
Friday	18
Saturday	2
No particular day	75

Farm people used to make going to town a regular ceremony. Hooking up the team and driving over poor roads for six to eight miles was a job.

Now a farmer or a member of his family will hop in the car and drive in almost any time. Few wait for Saturday night any more.

The Wallace-Homestead Poll found that the majority of farm families admit to making two to five trips to town every week.

Does it hurt business if a town shifts from Saturday night to Friday night? One farmer commented: "I don't see that it makes any difference now. Might when field work starts."

Another question comes up about farm visits to town. The Wallace-Homestead Poll put this to farm men in a survey made last year:

"In which of the following places would you be most likely to stop for rest and a visit before going home from town?"

Here are the replies:

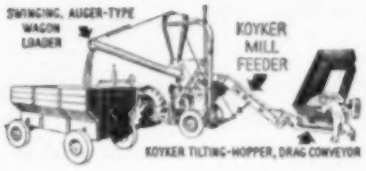
1. Implement store	51%
2. Grain elevator	19
3. Friend's or relatives' home	15
4. Pool hall	8
5. Tavern	7

About one-fourth of the men interviewed said they didn't stop and visit when they went to town.

SAVE HARD WORK—INCREASE GRINDING CAPACITY up to 20%

—WITH— KOYKER

MILL FEEDER ATTACHMENTS



Fits most trailer-type PTO Mills, Grinders, Shellers, etc. Eliminate heavy shoveling. Grind more feed in less time and pocket the profit. Attachments sold singly or together. Investigate **all** KOYKER low-cost, labor saving Equipment. Contact Your Implement Dealer, or write for Information to Box WF-46.

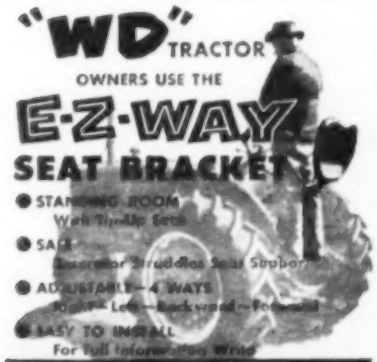
KOOIKER MF'G. CO., HULL, IA.

At last, a low cost, *completely* automatic cattle oiler, one that animals can't tear-up, and won't wear out. Priced so low you can't afford to be without them. Easy to install. Attach to *any* post, *anywhere*. No service problems. Just fill 'em and forget 'em. Giant 3" marine rope provides perfect rubbing and scratching surface. Automatic valve releases just the right amount of oil onto rope as cattle use it. Oils cattle thoroughly. Nothing else like it! The "oiler of the future"! Install them now!

Accept This "FREE TRIAL" OFFER!

Try Rope-Wick Oilers at our risk! Write for Illustrated Literature, quantity prices, and 30-Day Trial Plan.

FARNAM CO. Dept.B4, 8701 N. 29th, OMAHA, NEBR.



Emrich Weishaar ASHTON, ILL.

Can children get cancer?

The shocking truth: cancer kills more children from 3 to 15 years of age than any other disease. Last year cancer took the lives of more than 3,500 children under 15.

Help hurry the day when all our children will be free from man's cruelest enemy. Your donation can help save a youngster's life. Perhaps even one of your own.

Give to your Unit of the American Cancer Society or mail your gift to CANCER, c/o your town's Postmaster.

American Cancer Society

Farm News Briefs

NEW OFFICERS of the Iowa Farm Bureau Young Peoples' group are: President, Irma Mouchka, Iowa City; vice-president, Don Preussner, Dundee; secretary, Rachel Hueneman, Garner; treasurer, Lena Mae Crase, Redfield. Directors included Harold Binnebose, Hinton; Bradley Tate, Denison; Barbara Schulte, Norway; Lola Ann Cos, Winterset; and Allan Akers, Bedford.

▼ ▼ ▼

WHAT KIND of cars do Iowa farmers drive? Sociologists at Iowa State College took a representative sample from records at the Story county, Iowa, courthouse. This survey revealed that 62 percent of the cars owned by Story county farmers were in the low-priced field (Chevrolet, Ford, Plymouth), five percent in the high-priced field (Cadillac, Chrysler or Lincoln), and the remaining 33 percent covered all other makes. As to age, 24 percent of the cars were one and two years old, 44 percent three to six years old, and 32 percent of the cars were seven or more years old.

▼ ▼ ▼

WILLIAM HITZ of Polk City was re-elected president of the Iowa State Dairy Association at that group's recent convention. Other officers include Robert Lage of Davenport, vice-president; E. S. Estel, Waterloo, secretary-treasurer; Prof. Arthur Porter, Ames, director, and Chester Schoby, Algona, director.

▼ ▼ ▼

LARD and pork purchases under the special USDA program totaled 193,797,850 pounds by March 22, the USDA has announced. Pork buying began last November.

▼ ▼ ▼

HONEY will be supported during the 1956 marketing season (starting April 1) at a national average price of 9.7 cents per pound. This announcement comes from the U. S. Department of Agriculture. The 9.7 cents per pound is equivalent to 70 percent of parity.

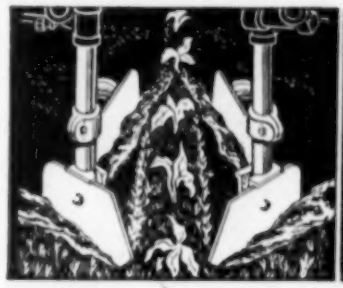
▼ ▼ ▼

COMING EVENTS: Iowa FFA Convention, Waterloo, April 19-21; Soil Stewardship Week, May 6-12; Corn Belt Farm Family Field Days, Eldora, Iowa, June 21-22.

"No, I don't need a tonic for that tired, rundown feeling. If I felt that good, I wouldn't complain."

RUSSELL

WEED CONTROLORS



DESTROY WEEDS! PROTECT ROOTS and PLANTS!

Wise farmers know that weeds cost money and deep cultivation prunes plant roots . . . and cuts yield.

Here's how WEED-CONTROLORS work: Front shoes clear and level the ground. Rear shoes then push an accurately controlled amount of clean moist soil around the plants, covering the weeds.

These advantages are yours when you cultivate with WEED-CONTROLORS:

- **Weeds are completely smothered in the crop row.**
- **Roots are not pruned or disturbed.**
- **Valuable moisture is conserved.**
- **Tractor speeds are safely doubled in small crops.**
- **Yields are increased 5 to 15 bushels per acre.**

With WEED-CONTROLORS you can now cultivate exactly the way you want to for the first time. For bigger yields and bigger profits . . . get WEED-CONTROLORS from your regular implement dealer. They're unconditionally guaranteed!

Russell MANUFACTURING COMPANY
Caro 11, Michigan

"Me complain? Never!"

"I make sure I'll be satisfied—I always buy a BRAND that's made a NAME for itself!"

FOUR WAYS BRANDS SATISFY

1. **BUY WITH TRUST!** Spend *confidently* on known quality. Brand Names wear best, work best, taste best, are best.
2. **SHOP WITH EASE!** Spend *efficiently* on proved value. Brand Names save time "puzzling" over labels, models, prices, etc.
3. **ENJOY MORE CHOICE!** Spend *shrewdly* among widest selections. Brand Names offer the most in sizes, types, colors, flavors, etc.
4. **GET THE "LATEST"!** Spend *smartly* on up-to-date products. Brand Names keep improving, modernizing, introducing new things.

BRAND NAMES FOUNDATION, INC.
437 FIFTH AVENUE, NEW YORK 16, N. Y.

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LINDSAY BROS. COMPANY
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WIRE WINDER

Roll and unroll barbed wire with tractor either in stationary position or at speeds up to 15 m.p.h. Heavy duty slip clutch keeps wire tight. Collapsible spool. Very low cost. Write for free literature.

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PUT SOME OF THAT EXTRA CASH INTO SAVINGS BONDS

The Easy Way to Save
Start Buying Today!

READ THE ADVERTISEMENTS—THEY'RE NEWS OF WHAT'S NEW

IT FLOATS AND FLEXES

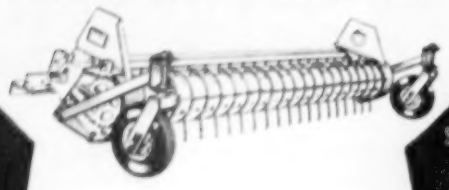
The two ends of the pick-up float independent of each other.

Automatically adjusts to ground.

You rarely need to raise or lower combine platform.

Neutralizes rough and uneven terrain.

Innes
FLOATING PICK-UP



Lighter.

No wrapping or clogging.

Easily handled.

Picks up clean.

Stiff and spring finger models to fit most combines.

A star performer at down-to-earth prices

COMPARE PRICES!
SEE HOW MUCH YOU SAVE!

Drop us a card — we'll send complete information and your dealer's name.

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WEEDAZOL
TRADE MARK
(An Aminotriazole Weedkiller)

Here's the great new herbicide discovery you've been reading about in the leading farm magazines.

KILLS
CANADA THISTLE
QUACK GRASS
Non-selective—Does not sterilize the soil

There's nothing else like it.
Kill your really tough problem weeds.
SEE YOUR DEALER TODAY. FREE BULLETIN ON REQUEST.

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Agricultural Chemicals Division • Hilco, Calif. • Ambler, Pa.
Originators of Aminotriazole Weedkillers

ONLY Lundell BOLSTER HOIST

Wider Frame Lessens Twisting, Tilting

Patented Cylinder Action Lifts Higher—Pushes and Pulls from Both Ends

Tie Rods Take Forward Thrust Off Front Bolster

gives you these
3 EXCLUSIVE
BIG-LIFTING FEATURES

as low as $95.00
3 Models

Lundell lifts heavy loads higher, faster, easier and with less strain. Actually lifts wagon bed as high as 73½" off the top of the bolster! This steep dumping angle gives quick unloading. Lifts 7,000 lbs. to 11,000 lbs. Hydraulic pressure is constant throughout lift. Ten years of wagon hoist design and manufacture back your Lundell Bolster Hoist.

SEE YOUR DEALER or WRITE TODAY for complete information on Lundell Wagon & Truck Hoists.

LUNDELL MFG. CO., Dept. 23 CHEROKEE, IOWA

—SAVE MONEY THE EASY WAY—BUY SAVINGS BONDS NOW—

After livestock die...

... What should you do? Dead animals can be dangerous to your own livestock and to your neighbor's. Here's a vet's advice on handling livestock disease and dead animals.

WHEN you notice a sick animal, you have one big hope—that the disease involved comes to a stop right there.

You don't want the disease to go any further in the sick animal. And you don't want the disease to spread to your other livestock.

Now, how do you go about stopping the disease right there?

First thing to do, and this usually can be done easily, is to isolate the sick animal from other livestock.

Next step is to have the sick animal examined by a veterinarian for an accurate diagnosis.

Prompt action on sick animals and immediate attention by a veterinarian will save many animals.

It will pay to to keep a close eye on your livestock. It will also pay to learn to recognize the symptoms of many of the more common livestock diseases.

There are two things a farmer should NOT do when disease hits his livestock.

One—he shouldn't keep it a secret from his neighbors. Two—he shouldn't unload his troubles on someone else by rushing the animals to a sale ring.

Many times, hog cholera has followed a threshing ring because one member had an outbreak and kept it secret.

Disease outbreaks should be reported to neighbors so that they can take steps to protect their livestock. This is a neighborly act.

It's no disgrace for a human to catch a cold or the flu. And it's no disgrace to have sick livestock.

Neither is it wise to rush diseased animals to a sale ring or to slaughter.

One man rushed a truckload of sick hogs to market. The disease was diagnosed as anthrax in the packing plant. The plant had to shut down for two days. This disease should have been taken care of at home.

Livestock producers have a moral obligation to themselves and to their neighbors to protect the livestock industry. Veterinarians aren't policemen and don't want to be. Only livestock men themselves can police their industry.

Another problem is the proper disposal of dead animals.

Only last week, I saw where a basketful of baby pigs had been scattered along the side of a road. What if these pigs were aborted from brucellosis-infected sows and were carried by your dog up into your hog lots?

Only safe way is to dispose of dead animals at once. Never feed them to livestock. If they are small, bury them deep, and cover them with lime or burn them.

Larger animals should be sent to the rendering plant. But don't drag a dead animal thru the pasture so that its discharges are spread thru the pasture.

If you don't want the rendering truck to drive thru your pasture, roll the animal on a leakproof stoneboat. Then haul it to the point where the rendering truck picks it up.

It's also a good idea to have all dead animals posted by your veterinarian to find out the cause of death. Your rendering plant operator is usually not qualified for this technical job.—Dr. John B. Herrick.

"As a matter of fact, it was seeing another horse that frightened him."

181 Angus—97 Bulls, 84 Females—Sell April 23-24

69 Bulls Ready for Service — Females Include Bred Cows . . . Cows and Calves . . . Bred and Open Heifers

These offerings in Top Sale Condition—selected from Families Famous in the Building of this top Beef Breed

MONDAY, APRIL 23rd

At the Fairgrounds

Osceola, Iowa

Show 10 A. M. — Sale 12:30 P. M.

Osceola is 40 miles south of Des Moines, and 25 miles south of Indianola on U.S. Highways 69 and 34.

95 HEAD

66 Bulls - 29 Females

CONSIGNORS:

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S. H. Draper ..... Corydon
John Eichner ..... Indianola
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Elburn Farm, Loyd Osburn ..... Bedford
Norman F. Elswick ..... Lamoni
A. C. Flint ..... Bethany, Mo.
Fairview Angus Farm
C. H. Thompson ..... Eagleville, Mo.
Willis Gorden ..... Allerton
Colen Green ..... Promise City
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Send today for your FREE catalog. Please mention this publication. Address

Lyle Miller, Secretary, Osceola, Iowa

IOWA SOUTHERN ANGUS ASSOCIATION

Auct.: Ray Sims — Arch Stone Fieldman

TUESDAY, APRIL 24th

At the Fairgrounds

Indianola, Iowa

Sale 12:30 P. M.

Indianola is 15 miles south of Des Moines, and 25 miles north of Osceola on U.S. Highways 69, 65, and 92.

86 HEAD

31 Bulls - 55 Females

CONSIGNORS:

Ira Braucht ..... Ackworth
O. O. Cashman ..... Lacona
Willard Coffman ..... New Virginia
J. P. Cozad ..... Indianola
Glen-Ru-Farm, Glen Felton
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Roy R. Henry & Son ..... Indianola
W. W. Herkelman ..... Dexter
Dale Keller & Sons....New Virginia
Fay Laverty & Daughter..Indianola
Earl Lohr ..... Winterset
Meredith Angus
Merrill Henry & Sons..Indianola
John Rodgers & Son....Pleasantville
Roy Rodgers ..... Milo
C. D. Spear ..... Indianola
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Frank Spear ..... Lacona
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Ankeny View Stock Farm..Ankeny

Plan to take in both sales. Only 25 miles apart, a minimum on time and travel, and the large numbers give wide selection.

Send now for your FREE catalog. Please mention this publication. Address

Glen Felton, Secretary, Indianola, Iowa

WARREN COUNTY ANGUS ASSOCIATION

Auct.: Keith Goode — Arch Stone, Fieldman

8th Annual Spring Sale

Wayne County Angus Breeders

Held in comfortable Webb's Sale Barn, 2 miles east of Corydon on No. 2 and only 65 miles southeast of Des Moines at

CORYDON, IOWA
THURSDAY, APRIL 19th

Starting promptly at 1:00 P. M.

52 RICHLY-BRED CATTLE

12 COMING 2 YEAR OLD BULLS
5 STRONG YEARLING BULLS
17 CHOICE BRED COWS AND HEIFERS
(Some with calves at side)
18 ATTRACTIVE OPEN HEIFERS—Many 4-H Prospects

One of the finest offerings ever presented by the **WAYNE COUNTY** Breeders, selected from best herds, top individuals, rich in pedigree, pleasing in type and merit.

THE BULLS, 17 well-grown, rugged bulls, displaying quality, sired by Top Herd Sires, and all ready for immediate service. The sort for herd sires. You can find a herd bull here.

THE FEMALES, a grand lot of young, royally-bred cattle. The 17 cows and heifers include several cows with big lusty calves and rebred to good herd sires, several choice heifers well forward in calf to great herd bulls. 18 most attractive open heifers . . . ideal age to mate to your own herd bulls. Genuine prospects for 4-H members. The rich blood of:

Eileenmere — Bandolier — Bardolier — Bell Boy

Nothing finer in breeding. They will please. The consignors are:

Willis Gorden ..... Allerton
Mrs. Harry Couchman ..... Sewal
Dewey Ivins ..... Corydon
Clinton Hellyer ..... Chariton
E. P. Davis ..... Nevada
Rex E. Lewis ..... Corydon
E. L. Davis ..... Russell
Hollie R. Lewis ..... Corydon
Robert E. & Lucille C. Burton.Sewal
Argylle Kelley ..... Allerton
Neals Angus Farm ..... Corydon
Rickland Angus Farm .... Corydon
Tom S. Lockridge ..... Russell
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FAMILIES REPRESENTED

KINOCHTRY EMILY
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McHENRY MULBEN PRIDE
McHENRY BLACKCAP
WINSOR QUEEN MOTHER
WESTER FOWLIS SUSAN
PRIDE OF ABERDEEN
4th BRANCH BLACKBIRD
2nd BRANCH BLACKBIRD
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ELINE ERICA
ELBA ERICA
BARBARA
And other tribes.
Nothing finer.

The offering comes from good reliable breeders, with splendid individuals, rich in best blood lines. The most profitable sort. Plan to attend. Ask now for **FREE** catalog. Kindly mention this publication. Address

TOM S. LOCKRIDGE, Secy., RUSSELL, IOWA

J. E. Halsey, Fieldman

14th Semi-Annual

CENTRAL STATES SHORTHORN

SHOW 10:00 A. M. — **SALE** 1:00 P. M.

Oskaloosa, Iowa, Sat., April 21

At Southern Iowa Fair Grounds

P.F. FORTUNE 14th—Grand Champion bull, Central States Show and Sale, Nov. 12, 1955. Bred and owned by Penningroth Bros., Wellman, Iowa. Sold to Clyde J. Morgan, Stanley, Iowa.

L.T. VIKING 5th—Reserve Grand Champion bull, Central States Show and Sale, Nov. 12, 1955. Bred and owned by Lloyd F. Burr and Son, Lone Tree, Iowa. Sold to Cecil C. Garrells, Packwood, Iowa.

48 HEAD

18 Top Bulls - 30 Outstanding Females

Many of the bulls are ready for service. Females include cows and calves, bred cows and heifers, and open heifers. Several of the females are the right age for 4-H and FFA Club projects. Consigned by the following top breeders of the territory:

Harold Bacon ..... Good Hope, Ill.
Earl Swickard ..... Revere, Mo.
C. E. Harlan ..... Ava, Mo.
Evergreen Farms ..... Columbus Jct., Ia.
Braywood Farms ..... Oskaloosa, Ia.
Lester Tomlinson & Sons ..... Traer, Ia.
Le Roy Brown ..... Lamoni, Ia.
C. E. Stewart & Sons ..... Rose Hill, Ia.
Penningroth Bros. ..... Wellman, Ia.
W. P. Lorenzen ..... Pilot Mound, Ia.
Franklin Matzler ..... Seymour, Ia.
E. G. Bell ..... Farmington, Ia.
Zapp Farms ..... Hedrick, Ia.
Upper Mill Farm ..... Wapello, Ia.
Paul Ratliff ..... Mt. Pleasant, Ia.
T. D. Neiswanger ..... Indianola, Ia.
J. E. Smith ..... Richland, Ia.
Vernon D. Uehling ..... Ankeny, Ia.
Asa Collins ..... Keswick, Ia.

Send today for your FREE catalog. Please mention this publication. Address

C. E. STEWART, Sale Mgr., ROSE HILL, IOWA

Auct.: Neiderhisar — Arch Stone, Fieldman

Attend The

Oskaloosa Opportunity Sale

One of Iowa's Leading Polled Hereford Events

108 HEAD

74 Bulls - 34 Females

35 Head in Futurity Show

OSKALOOSA OPPORTUNITY SALE

Polled Hereford Association

OSKALOOSA, IOWA, APRIL 12-13, 1956

SHOW 10:30 a.m., Thursday, April 12 — SALE 10:30 a.m., Friday, April 13

Southern Iowa Fair Grounds

74 Top Bulls — 108 HEAD — 34 Choice Females

35 HEAD IN GREAT FUTURITY SHOW

Perhaps the best offering we have ever presented for our 12th Annual Show and Sale. Ask for FREE catalog. Please mention this publication. Address

CALVIN CRUZEN, Sale Mgr., NEW SHARON, IOWA

OPPORTUNITY SHOW & SALE, OSKALOOSA, IA., APRIL 12-13

3 TOP BULLS - 4 CHOICE FEMALES

1 Bull - 3 Females

by our herd bull

W. SUPREME ANXIETY

Champion of this show

Champion of this show and sale, a sire of Champions and top selling cattle.

An outstanding bull ready for service, the real type for a herd sire.

Three beautiful heifers with style, merit and quality.

2 Bulls - 1 Female

progeny of our herd bull

BATTLE ASTER 17th

Two bulls with substance, bone and quality. Rugged, ready for service. The type that will please those looking for a herd bull.

One choice heifer, selling open, ideal to mate to your own bull.

Visit our stalls and see these cattle.

JOHN C. SCHULTE & SONS, NORWAY, IOWA

BERNARD SCHULTE & SONS, NORWAY, IOWA

LOOKING FOR A TOP PROVEN SON OF A NATIONAL CHAMPION?

See

CMR MISCHIEF DOMINO 14th

At OSKALOOSA, IOWA, APRIL 12-13

A son of the great National Champion, CMR Rollo Domino 12th, and was bred by Circle M Ranch, Senatobia, Miss. Since his purchase, he has been used with success in two herds. A very typey, heavy boned bull and a sure breeder.

ERNEST DAY & SONS, GRIMES, IOWA

STARRY'S POLLED HEREFORDS

Sell at

OPPORTUNITY SHOW & SALE, OSKALOOSA, IA., APR. 12-13

3 Heifers - 1 Bull

Three choice heifers bred to BF BEAU REAL, champion bull of Illinois December Show and Sale. He is one of the top bulls of the breed. Heifers will make grand brood cows.

One outstanding two year old bull, well-grown, rugged, low-set and thick-fleshed. A herd sire for someone. Offering sired by BATTLE KING DOMINO 25th, an Iowa State Show and Sale champion. See them.

MEL STARRY & SON, OLIN, IOWA

OPPORTUNITY SHOW & SALE, OSKALOOSA, IA., APRIL 12-13

TWO EXTRA CHOICE BULLS by:

HALF MIXER RETURN 69th—Half brother to Dam of ALF CARLOS RUPERT 4th, 1955 National Champion bull.

REAL MIXER 7th—A Nov. '54 bull with depth, thick, smooth and a wonderful head. A real prospect.

BATTLE REAL—A Sept. '54 bull with style and quality, ready for service and one that will please. Both of above bulls out of ALF REAL ONWARD 16th Dams. See them and you will buy.

SANFORD ROGENESS, BRITT, IOWA

---

3 Bulls, Ready for Service — 1 Heifer, Heavy in Calf

SELL AT OSKALOOSA, IOWA, APRIL 12-13

Featuring the get of CHOICE ADVANCED 12th, Grand Champion bull at the Oskaloosa Show and Sale. His calves are heavy boned, strong headed, yellow and mellow, and have been very well received by breeders in this territory. Also selling a son of Model Victor Domino, and a daughter of Domino Battle 51st bred to Rollo Domino 9th.

HAROLD L. JONES, HAYESVILLE, IOWA

3rd Annual Production Sale

CLARK ANGUS FARMS

Tuesday, April 17, Rea, Missouri

Sale at 1:00 P. M. at the farm, on State Highway 48, one mile east of Rea, Missouri. Lunch served on grounds.

SELLING 52 LOTS

15 BULLS

10 are 16 to 21 months old . . . 5 yearlings.

37 FEMALES

12 Bred Heifers . . . 25 Open Heifers

Bred heifers will carry the service of BAR ELBAN 2nd, a son of the 1951 Int. Gr. Ch., Elban Bardolier 3rd, or of HAPPY ACRES PRINCE 77th. Most of the sale offering sired by MARYCREST EILEENMERE 12th, a son of Homeplace Eileenmere 26th.

Families include: BALLINDALLOCH GEORGINA, BLACKCAP BESSIE, ZARA, WITCH OF ENDOR, MAID OF BUMMERS, BLACKCAP EMPRESS, BANDY MAID, MISS BURGESS, McHENRY BARBARA, PRIDE OF ABERDEEN, and other good reliable families of the breed.

Health papers to go anywhere. All females officially calfhood vaccinated for Bangs. Send now for your FREE catalog. Please mention this publication. Address

CLARK'S ANGUS FARMS, Clifford & Paul Clark, Owners, REA, MISSOURI

Auctioneer: Ray Johnston

25th Semi-Annual

Northeast Missouri Hereford Sale

Thursday, April 19th

MEMPHIS, MISSOURI

Fairgrounds Sale Barn

1:00 P. M.

44 BULLS — 1 Polled

16 FEMALES

Herd Bulls — Farm Bulls — Cows and Calves

Bred and Open Heifers — Popular Bloodlines

ALL BULLS OF BREEDING AGE. BUY TOP QUALITY AT REASONABLE PRICES FROM AN OLD RELIABLE ASSOCIATION.

CONSIGNORS:

	Bulls	Females		Bulls	Females
W. E. Baker & Son	1	1	Ralph E. Jenkins	2	0
Dean Barber	1	0	A. W. Kern & Sons	1	0
Gilvie Bertram	1	0	Miller Bros.	2	1
Loran Benge & Son	1	0	Bernie Neil	1	0
Boyd & Munger	1	0	Bert McDowell	1	0
G. R. Breidenstein	1	0	Dr. Alan R. Raun	1	0
Burns Hereford Farms	1	2	D. C. Romberg	1	1
Roy Clark & Son	2	1	Thompson & Shores	1	0
Clifford Crey	1	1	W. C. Simpson & Son	2	0
Cowendale Farms	1	0	Austin Tallman & Son	2	0
Harold Dunn	1	1	Beulah Sheffer	2	0
F. E. Epperson & Son	2	0	Mandel Watson	1	0
Robert C. Foss	6	4	W. H. Wagner & Son	1	2
Norris E. Gaffney	2	0	Lowell W. Wagler	0	1
J. W. Garlock & Son	2	1	Winkler Bros.	1	0
Carl Griffith & Son	1	0			

All cattle will have individual health papers. Many females officially Bangs vaccinated. FREE catalog on request only. Write now. Please mention this publication. Address the association Secretary.

L. W. EARLY, Pres., Baring, Missouri

VERNON WINKLER, Secy., Memphis, Missouri

Auct.: Emerson Marting — Arch Stone, Fieldman

ROSE & McCREA'S 12th Annual Angus Sale

Sale at 1:00 P.M., at the McCrea Angus Farms near

MAYSVILLE, MO.

Monday, April 16

The Home of the CORRECTORS

10 BULLS—Including the two-year-old Senior Yearling, and Junior Yearling show bulls—with many purple and blue ribbons to their credit. **50 FEMALES**—19 by Prince Georgina R & Mc., 11 by Prince Edwina R & Mc. and others by V.M. Prince Juanerra, Prince Sunbeam 311th, Prince Eric R & Mc. and Elban Bardolier 3d. Every female bred to a proven sire. **PRINCE GEORGINA R & Mc**—The originator of the Corrector line of cattle. Numerous sons and daughters sell, and several females will be bred to him.

At the 1953, 1954 and 1955 Fort Worth shows, we had the champion pens of three and five bulls. At the 1956 Fort Worth show, we had the Res. Ch. pen of bulls, and in the open show we won two bull classes, had the best three and two bull groups, and were heavy money winners in the bull division.

Families Represented:

Gammers, Blackcap Bessies, Ballindalloch Georginas, Witch of Endors, Maid of Bummers, Lady Idas, and other standard families. Rose and McCrea cattle are noted for their beefiness and good heads. This is the same breeding that has been so profitable for Rose and McCrea, and many others over a long period of years. Send now for your FREE catalog. Please mention this publication. Address

J. B. McCORKLE, Sale Mgr., SMITHVILLE, MO.

FRANK H. ROSE, Albany, Mo. Owners M. L. McCREA, Maysville, Mo.

Auctioneers: Johnston & Sims

HI-CHOICE PR 109 CMS

C M S Breeding

at the

Dean Snyder Hampshire Sale

Sale at 7:30 P.M. at Blau Velt Angus Farms, on U .S. 67, 10 miles north of

Macomb, Ill., April 12

40 FALL BOARS - 60 FALL GILTS

An offering sired by two All Americans . . . FUTURAMIC PR 129, and HI-CHOICE PR 109 CMS. Included will be littermates to our winning pigs at the National Type Conference at Stillwater, Okla. Every animal in the sale from a PR litter, and carcass data on every litter will be given at the sale. Plan to be with us on **Thurs., April 12.** Send now for your FREE Catalog. Please mention this publication. Address

DEAN SNYDER, GOOD HOPE, ILLINOIS

When writing to our advertisers, please mention that you read their advertisements in Wallaces' Farmer and Iowa Homestead

COMPLETE
Hereford Dispersion

On the farm located 2 miles northeast of Greenview, on Route 29, and 24 miles north of Springfield, or 80 miles south of

Mason City, Illinois

Starting promptly at 10:00 A. M.

MONDAY, APRIL 16th

160 HEAD

Two Herd Bulls

50 Cows with calves

50 Cows well along in calf

10 Choice bred heifers

10 Attractive open heifers

This cow herd is made up from **Bones Hereford Ranch**, Parker, South Dakota, **C K Hereford Ranch**, Brookville, Kansas, and **Colorado Domino** bloodlines — breeding that is most sought after today.

The majority of these females are bred to **HP Royal Rupert 76th**, by **T. Royal Rupert 15th**, son of the noted International Grand Champion **Hazford Rupert 81st**. His dam by Aaron Domino. Some are bred to **T R Zato Heir 366th**; he is from a line of breeding that has made history in this great Hereford breed.

A herd of cows possessing a lot of natural beef character . . . thickness . . . substance . . . size . . . bone, the kind that produce calves with quality and weight for age. These cows will be presented in attractive breeding condition. The two bulls selling are **Noe's Baca Prince 31st** and **BHR Hels A140th.** Genuine herd sires. Their progeny will please. See them.

Here is a Hereford sale where you can buy good females that will return a quick profit. Seldom is there a sale where so many cows and calves and bred cows are offered. The bred and the open heifers are most attractive and will make wonderful replacement cattle.

Write today for the FREE catalog. Please mention this publication. Address

AINSWORTH & McCREERY, MASON CITY, ILLINOIS

Aucts.: Jewell Fulkerson & Tom Sherlock — J. E. Halsey, Fieldman

---

4th ANNUAL PRODUCTION SALE

GINSBACHS' POLLED HEREFORDS

PERFECT DOMINO 1st, one of the outstanding sires of the breed. Your last opportunity to buy his get—he died last year. He was by the great breeding bull Beau Perfect 246th.

At ranch, two miles north on U. S. 77 and one mile west of

DELL RAPIDS, S. D.

Tuesday, May 1st

50 HEAD

35 Bulls - 15 Females

BULLS—30 long yearling and two-year-olds ready for heavy service. 5 are turning a year old now. Included are herd bull prospects. We maintain the type of cattle that have size and weight for age, however they possess the type and quality demanded by our present day cattlemen. They are backed by years of constructive breeding through the use of outstanding sires. Your herd bull problems can be solved by a selection from this offering. They are sired by **Perfect Domino 1st** (illustrated), **Carlos Perfect 4th, Advance Perfect 6th, G P H Plus Perfect 7th.**

15 **Fine open heifers**, by **Carlos Perfect 4th** and **G P H Plus Perfect 7th.** The sort that will please those looking for foundation females. Write today for this FREE Catalog. Please mention this publication. Address

GINSBACH POLLED HEREFORDS, DELL RAPIDS, S. D.

T. W. SHERLOCK, Fieldman

—When writing to our advertisers, please mention this paper—

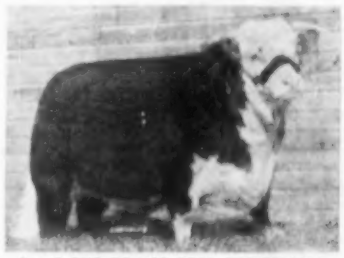
Need a Top Outcross?

We're Selling More Real Herd Bull Prospects Than We Ever Did, in Our

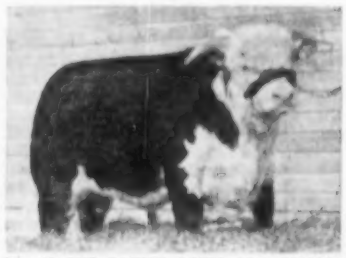
ANNUAL SPRING SALE

SATURDAY,

40 HERD BULL PROSPECTS **April 28** **15** REPLACEMENT BRED HEIFERS



Lot 9 BHR PRINCE REAL 73d 8355056



Lot 48 BHR BATTLE ASTER 12th 8355106

Lot 27 BHR LADY ASTER 27th 8355141

Lot 3 BHR PRINCE REAL 69th 8355033

Lot 5 BHR PRINCE REAL 71st 8355046

Lot 25 BHR BEAU ASTER 207th 8355038

This year we have more top herd bull prospects for sale than ever before. Ask your fieldman and he will back up this statement. All cattle selling are clean or free from dwarfism according to all the facts and knowledge that are available today. All bulls selling have performance records. These are all included in the catalog along with a summary of our breeding program, pedigrees and other information.

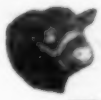
Ask now for FREE catalog. Kindly mention this publication.

Bones Hereford Ranch, Parker, S. D.

T. W. Sherlock, Fieldman

Annual Spring Show and Sale

Iowa Polled Shorthorn Breeders



Ames sale pavilion on Hy. No. 69 south edge of

AMES, IOWA

SHOW 9:00 A.M. — Judge, Walter Fennern, Mt. Auburn, Iowa

TUESDAY, APRIL 17th

Sale 1:00 P. M.

26 BULLS - 20 FEMALES

THE BULLS—3 tried sires, 11 coming 2 year olds, 12 strong yearling bulls, ready for service. They are choice bulls with weight, substance and best blood lines.

THE FEMALES—Three cows close to calving, several richly bred cows and heifers and a few attractive open heifers. Sale sponsored by **IOWA POLLED SHORTHORN CLUB, Inc.** The consignors are:

Seeley Bros.	Algona	R. L. Flamme	Gladbrook
Lou Laughlin	Imogene	L. C. Forrest	Des Moines
Clyde Wasson	Dexter	Emmett Franklin	Oskaloosa
L. C. Bolson	Decorah	R. W. Packer & Son	Marshalltown
Robert T. Cline	Decorah	Alvin G. Blaas & Sons	Rockwell City
Frank Dempster & Son	Arlington	Lawrence Falcon	Rowley
Jilji J. Wellik & Sons	Britt	G. W. Zinnel & Sons	Rockwell City
Ruben E. Nelson & Sons	Gowrie	M. J. Lundvall & Sons	Boxholm
Phillip Johnston & Sons	Castana	Wayne A. Carr	Cincinnati
James H. Briggs	Winterset	Martin Blaas	Sac City
Bayard Scott	Vinton	Robert McKinley	La Porte City

Plan to come, only 30 miles north of Des Moines. Ask now for FREE catalog. Kindly mention this publication. Address

WAYNE A. CARR, Sale Mgr., CINCINNATI, IOWA

Auct.: J. E. Halsey — T. W. Sherlock, Fieldman

THIRTEENTH ANNUAL SOUTHEAST IOWA

Aberdeen-Angus Breeders

SHOW AND SALE

AT McMILLAN PARK

Saturday, April 21, Mt. Pleasant, Iowa

SHOW — 9:00 A. M.

Judge: Elliot Brown, Rose Hill, Iowa

SALE — 12:00 Noon

SELLING 94 HEAD

37 BULLS - 57 FEMALES

Outstanding sons of the top sires of the breed are in service in many of the herds represented in this sale. Foundation females from the popular and profitable tribes. Good Bulls ready for service, and females that will please. Grand Champion Futurity female and several 1st prize winners at 1956 Iowa State Show and Sale where exhibited by Southeast Iowa breeders.

FAMILIES REPRESENTED

Blackcap Bessie	Jilt	Bluebloed Lady
Portlethen Lucy	Witch of Endor	Edwina
Miss Burgess	Gammer	Eliana
Heroine	Eulima	Zara
	Katinka	

And other reliable families

Genuine Herd Bull prospects. You can find a Herd Bull here. The females include cows with calves at foot and rebred, choice bred heifers, mated to top Herd Sires. Also attractive open heifers, most popular families suitable for foundation females and ideal for FFA and 4-H projects.

Consigned by the Following Leading Breeders of the Area

G. S. Barton	Modiapolis	Ralph Meade	Mt. Pleasant
V. L. Baughman	Bloomfield	Billy Owen	Mt. Pleasant
Russell A. Beauchamp & Sons	Winfield	James Pitzer	Mt. Pleasant
John H. Bick	Salem	Harry Prettyman	Mt. Pleasant
D. Cargile Bollman & Sons	Pulaski	Kenneth Redfern	Yarmouth
Boyd Emde & Sons	Wellman	Dr. Frank Richmond	Ft. Madison
Edward Griffith Jr.	Crawfordsville	Stanley C. Rodgers	Milton
C. A. & M. C. Henderson	Muscatine	E. H. Rotter & Son	West Point
Hohl & Kimler	Donnellson	F. W. Schnoebelen	Riverside
F. O. Laubach	Birmingham	V. L. & E. N. Sheppard	Donnellson
L. W. Leisure	Richland	Denver M. Williams & Sons	Mt. Pleasant
Henry McGlosry	Packwood		

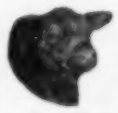
Send today for your **FREE** catalog. Please mention this publication. Address

KENNETH REDFERN, Secy. and Sale Mgr., YARMOUTH, IOWA

Auctioneer: Ray Sims — J. E. Halsey, Fieldman

10th Annual

Lamoine Valley Angus Sale



At Blauvelt farms, located just north of Macomb, near

Good Hope, Ill.

TUESDAY, APRIL 17th

13 Top Young Bulls—49 Richly Bred Females

THE BULLS—Strong yearlings, ready for service, well-grown, with type, merit and quality. Rich in the blood of O. BARDOLIERMERE, EILEENMERE, BANDOLIER and SUNBEAM.

THE FEMALES—6 grand cows, some with calves, others to calve soon. 25 choice bred heifers, mated to some of the outstanding herd sires of the breed. 18 most attractive open heifers, ideal age to mate to your own great herd sires. Several wonderful prospects for 4-H and F.F.A. members. The consignors are:

Baylor Farm	Cuba, Ill.	Ross E. Hanna	Little York, Ill.
Blau-Velt Farm	Macomb, Ill.	Marcia Kay Meachum	Roseville, Ill.
Carl Bennett	Bushnell, Ill.	W. H. Hanson & Sons	Monmouth, Ill.
Bruce Bricker	Macomb, Ill.	Loyd N. Hutchins	Macomb, Ill.
Clear Dawn Farm	Brooklyn, Ill.	Keenan W Mitchell	Roseville, Ill.
Otis Covert	Carthage, Ill.	Larry Plate	Ipava, Ill.
Gerald Dean	Avon, Ill.	L. H. & Kathryn McKinzey	Adair, Ill.
Love & Graham	Lewistown, Ill.	Russell Payne & Son	La Harpe, Ill.
J. Coder Hamilton	Good Hope, Ill.	Timberline Farm	Congerville, Ill.
Dor-Mac Farm	Quincy, Ill.	Forrest Wells	Smithshire, Ill.
Eugene Fassett	Biggsville, Ill.	William T. Wier	Gladstone, Ill.
Fleck Bros.	Wyoming, Ill.	Wil-Jan-Saun Farm	Maquon, Ill.
Mr. and Mrs. Clement Fleck	Wyoming, Ill.	Willow Creek Farm	Galesburg, Ill.

The rich families include BLACKCAP BESSIE, BLUEBLOOD LADY, GAMMERS, BEAUTY OF HAYSTON (from imported dam), WITCH OF ENDOR, ZARA (Black Beauty Strain), BALLINDALLOCH GEORGINA, JUANA, ELBA, ENCHANTRESS ERICAS, MAID OF BUMMERS, MISS BURGESS, BLACK JESTRESS, COQUETTE, BLACK EMPRESS, McHENRY BARBARA, ERIANNA, PORTLETHEN LUCY and others. Best in blood lines. Plan now to attend. Ask for FREE catalog. Kindly mention this publication. Address

BRUCE BRICKER, Sale Mgr., MACOMB, ILLINOIS

J. Coder Hamilton, Secretary, Good Hope, Illinois

Auctioneer: Hamilton James — J. E. Halsey, Fieldman

8th Annual

HAWKEYE

ANGUS BREEDERS ASSOCIATION SALE

In the comfortable Hawkeye Downs Sale Pavilion

Cedar Rapids, Iowa

Wed., April 25th

Starting at 12:30 p. m.

24 BULLS — 41 FEMALES

This offering was carefully selected for this sale. This large number of 24 bulls, including many long aged ones, ready for heavy service, makes it a good place to select a new herd bull. Sired by top quality herd sires. You will find a bull here that will please.

A choice selection of well-bred females, including cows, bred and open heifers. The bred females carry the service of top quality herd bulls. An ideal place to secure foundation females. The families are:

Elina Erica	Jilt	Second Branch Blackbird
Blackcap	McHenry Barbara	Rosemore Blackcap
Erica	Elba Twoony	Enchantress Trojan Erica
Blue Ribbon Blackbird	Finlarig Elba	Glencarnock Elba
McHenry Blackcap	Finlarig Elba	Ballindalloch Blackbird
Maid of Bummer Miss Burgess	Black Empress	Elslow Evergreen Erica
Blackbird	Barbara	Fourth Branch Blackbird
Coquette	Lantz Blackcap	Ballindalloch Jilt
Chieftain Trojan Erica	Juana Erica	Miss Burgess
Elsa Trojan Erica	Elba Erica	Pride of Aberdeen
Rosemere Pride	Katinka	Nesbethill Miss Burgess
Rosemere Barbara	Blackcap Bessie	Gridlan Evergreen Erica

CONSIGNED BY

	Bulls	Females		Bulls	Females
O. W. Smith, Mt. Vernon		1	Q. W. Lockridge & Son, North English		2
Leslie Oliver, Williamsburg		5	Miller & Kilnefelter, Morley	2	
Norwin Martens & Son, Tipton	1	4	Ray Martin, Van Horne	1	
Charlie Davis, Anamosa		1	Robinmere Farm, Mechanicsville		2
Mr. and Mrs. Harold Eller, Tipton	1	4	Arthur Roehr & Son, Shellsburg		1
Ralph Drake, Palo		2	Rohret Brothers, Oxford		2
Stuart & Franks, Newhall	1	4	Henry Schmuecker & Sons, Amana	2	
E. E. Enochson & Son, Williamsburg	2	3	Marilyn Schulte, Fairfax		1
Waldemar Fleischhorn & Son, Van Horne		1	Elmer South, Marengo	2	
H. H. Groff, Fairfax		1	Merl Thorman, Blairstown	1	
John R. Gill, Marion		2	J. V. Driscoll & Son, Williamsburg		5
Richard H. Grovert, Newhall	1		Peter W. Westphal, Wyoming	3	
Raders & McNutt, Iowa City	1		Willamore Farm, Stanwood		4
Joyce Kemp, Marion	1		R. M. Willer, Tipton	1	
I. E. Kemp, Marion	3		Fred R. Worrell, West Branch	1	

An offering rich in the best bloodlines. Plan to attend this sale. Write today for the FREE catalog. Please mention this publication. Address

ALBERT H. STUART, Secy., NEWHALL, IOWA

T. W. Sherlock, Fieldman

DELLVIEW FARM

ANGUS DISPERSION

W. C. McLean, Estate, Bradyville, Iowa

Sale held in comfortable Page County Youth Pavilion

Clarinda, Iowa, Friday, April 20

Starting promptly at 12:30 P. M.

110 HEAD

9 BULLS INCLUDING 2 HERD SIRES
11 GRAND COWS WITH BIG LUSTY CALVES
51 DESIRABLE BRED COWS AND HEIFERS
28 ATTRACTIVE OPEN HEIFERS

THE HERD BULLS—ELBURNMERE 30th, a top 3 year old son of Elburnmere 24th, and HAPPY ACRES PRINCE 25th son of Blackwest Woodlawn. Their progeny in the sale will please. 7 young bulls by them, ready for service.

THE FEMALES—11 grand brood sows with big lusty calves and rebred. 51 splendid young cows and heifers mated to ELBURNMERE 30th and HAPPY ACRES PRINCE 25th and 28 most attractive open heifers mostly by HAPPY ACRES PRINCE 25th. Cows from 3 to 6 years old. All cattle sold in good strong breeding condition, all to the advantage of the prospective buyers. The families include MISSOURI BARBARA, McHENRY BLACKCAP, MISS BURGESS, QUEEN MOTHER, EISA ERICA and BLACKBIRDS. Good dependable producing families. Remember, this is a complete Dispersion and there are always BARGAINS in a Dispersion. Come and secure them. Ask for FREE catalog. Kindly mention this publication. Address

L. C. McLEAN, 3429 68th St., DES MOINES, IOWA

Auctioneers: J. E. Halsey and McIntyre Bros. — Arch Stone, Fieldman

DOGS

NOTICE—Unsatisfactory dogs must be returned within time specified by advertiser. Buyer always pays express charges (both ways if dog is returned) unless advertiser states in advertisement that he will do so.

GERMAN SHEPHERDS

Beautiful German Shepherd Puppies. Excellent companions, intelligent and gentle. Registered. $55.00 each. Please place your order now.

BOB McGUIRE
R. F. D. 5
JOHNSON CITY, TENNESSEE

SHOMONT COLLIES

Workers — Companions — Guards. Shepherd puppies from working stock. Write for free lists.
SHOMONT FARMS AND KENNELS
MONTICELLO IOWA

— BEST YET —
ENGLISH SHEPHERD PUPS

Guaranteed to bring home the cows. Year's trial. Choice of sex. Spayed females a specialty. Priced right.
CLOVERDALE FARM ACKLEY, IOWA

Purebred Border Collies English Shepherds America's most useful dogs. Puppies all ages. Both sexes. Choice colors. Faithful workers. Satisfaction guaranteed.
We breed and sell our own stock.
FAIRMOUNT FARMS CEDAR FALLS, IOWA

Genuine English Shepherd and Border Collie Pups. (Either sex—also spayed females $15.00.) Order direct from this ad. Give color. (Satisfaction guaranteed.) 65,000 satisfied customers. (45 years on same farm.) Stepsaver herddriving farm dogs. No fooling. Training instructions, year trial, distemper vaccinated. Ruffs Kennels, Reinbeck, Iowa.

English Shepherd — Bobtail Shepherds
Border or Scotch Collie choice pups raised from our A-1 Natural Herders. Guaranteed. Training instructions. Some partly trained.
BROOKVIEW KENNEL FARM
1 Mile East, ¾ Mile South AYRSHIRE, IOWA

GENUINE ENGLISH SHEPHERD PUPS
— DISTEMPER VACCINATED
Guaranteed herders. Year's trial. Males, females, spayed females $15.00. Training instructions. Distemper vaccinated. Also Registered Collies.
DEAN FLEMING TRAER, IOWA

GENUINE
ENGLISH SHEPHERD PUPS

Guaranteed herders, year's trial. Males, females, spayed females $15.00. Training instructions. Distemper vaccinated. Also Registered Collies.
DEAN FLEMING TRAER, IOWA

Coming Livestock Sales

ANGUS

April 10—Poweshiek County Angus Breeders, Grinnell, Iowa. Burdett Farley, Secy., Malcom, Iowa.
April 16—Rose & McCrea, Maryville, Mo.
Apr. 17—Clark Angus Farms, Rea, Mo.
April 17—Lamoine Valley 10th annual sale, Good Hope, Ill. Bruce Bricker, Mgr., Macomb, Ill.
April 18—South Central Iowa Breeders, Oskaloosa, Iowa. Clyde Hanna, Sale Mgr., Oskaloosa, Iowa.
April 19—Wayne County Breeders, Corydon, Iowa. Tom Lockridge, Mgr., Russell, Iowa.
Apr. 20—W. C. McLean, Bellview Farm, (Dispersion) Bradyville, Iowa. Sale at Clarinda, Iowa.
April 21—Southeast Iowa Angus Assn., Mt. Pleasant, Iowa. Kenneth Redfern, Secy., Yarmouth, Iowa.
April 23—Iowa Southern Angus Assn., Osceola, Iowa. Lyle Miller, Secy.
April 24—Warren County Angus Breeders, Indianola, Iowa. Glen Felton, Secy.
April 25—Hawkeye Angus Breeders, Cedar Rapids, Iowa. Albert H. Stuart, Secy., Newhall, Iowa.
April 28—David and Margaret Miller, Sun-Up Farms, Smithville, Mo. Donald J. Bowman, Sale Mgr., Hamilton, Mo.
May 25—Four County Breeders, Stuart, Iowa. W. W. Herbelman, Secy., Dexter, Iowa.
May 26—Mills & Fisbbine Dispersion, Webb, Iowa, and Jess Thurmond Production, Omaha, Nebr. Sale at Cherokee, Iowa. Maurice Boney, Sale Mgr., Box 710, Storm Lake, Iowa.
May 28—Tallcorn Breeders Assn., Marshalltown, Iowa. Clair G. Mason, Mgr., Box 243.
June 4—El-Jon Farms, Rose Hill, Iowa.
June 5—Grover Mortz Dispersion, Kirksville, Mo.
June 5—North Central Iowa Breeders show and sale, Mason City, Iowa. H. C. Miller, Secy., Hampton, Iowa.

HEREFORDS

April 16—McCreery Hereford Farms, Mason City, Ill.
April 18—Orient Round-Up sale, Orient, Iowa. Harold Killion and Wayne Wilson, Mgrs., Greenfield, Iowa.
April 19—Northeast Missouri Hereford Breeders, Memphis, Mo. Vernon Winkler, Secy.
April 26—Creston Hereford Breeders, Creston, Iowa. Lloyd H. Woods, Sale Mgr., Orient, Iowa.
April 28—Bones Hereford Ranch, Parker, So. Dak.
April 30—Midiowa Hereford Association 11th annual Spring show and sale, Marshalltown, Iowa. Mrs. Harold J. Peterson, Secy., Lincoln, Iowa.
May 2—Northeast Iowa Association, Postville, Iowa. Byron Bolt, Sale Mgr., Waukon, Iowa.
May 29—Breeders consignment sale, Denison, Iowa. Henry Moore, Mgr., Cylinder, Iowa.
June 11—North Iowa Breeders, Mason City, Iowa. Leigh Curran, Mgr.

POLLED HEREFORDS

April 10—Upper Midwest show and sale, St. Paul, Minn. C. J. Kunau, Secy., Red Wing, Minn.
April 12-13—Southern Iowa Polled Hereford Assn., show and sale, Oskaloosa, Iowa. Calvin Crozier, Sale Mgr., New Sharon, Iowa.
May 1—Glusbach Polled Herefords, Dell Rapids, So. Dak.
May 2—Rasmussen Stock Farm, Ralston, Minn.
June 2—Wisconsin State Polled Hereford show and sale, Lancaster, Wis. W. M. Hanley, Secy., Ky's Ave., Madison, Wis.
June 9—John & Alice Campbell, (Gold Mine sale) Tiffin, Iowa.
June 11—North Iowa Breeders, Mason City, Iowa. Leigh Curran, Mgr.

SHORTHORNS

April 9—Marion County Breeders, Knoxville, Iowa. Merill L. Robuck, Secy., Pleasantville, Iowa.
April 21—Central States 14th Semi-Annual show and sale, Oskaloosa, Iowa. C. E. Stewart, Sale Mgr., Rose Hill, Iowa.
April 30—H. N. Harrison, (Dispersion) Washta, Iowa. Albert J. Hamann, Sale Mgr., Rock Rapids, Iowa.
May 17—Ronald Carlson, Pilot Mound, Iowa. Sale at Ogden, Iowa.
May 22—North Central Iowa show and sale, Mason City, Iowa. Albert J. Hamann, Sale Mgr., Rock Rapids, Iowa.
June 12—Minnesota State show and sale, Blue Earth, Minn. Norman T. Findahl, Secy., Waterville, Minn.
Sept. 18—P. A. Rasmussen & Sons, Goldfield, Iowa, and C. J. Schutjer, Woodon, Iowa.
Sept. 22—Hawkeye Downs annual Fall sale, Cedar Rapids, Iowa. Earl S. Girton, Mgr., Box 321, Marshalltown, Iowa.

POLLED SHORTHORNS

April 17—Iowa State show and sale, Ames, Iowa. Wayne A. Carr, Secy., Cincinnati, Iowa.
Sept. 15—Hawkeye Downs annual Fall sale, Cedar Rapids, Iowa. Earl S. Girton, Mgr., Box 321, Marshalltown, Iowa.

DAIRY CATTLE

April 10—Clinton J. Law, Guernseys, Mankato, Minn.
April 19—Iowa State Guernsey sale, Des Moines, Iowa. M. W. Spoole, Box 78, Clerk, Mason City, Iowa.
April 24—Herbert and Eleanor Hoover, (Jersey Dispersion) Oskaloosa, Iowa.

FEEDER CATTLE

Oct. 2—Davis county, Bloomfield, Iowa.

HAMPSHIRES

April 7—(Night sale) Cecil Wilson, Lenox, Iowa.
April 12—(Night sale) Dean Snyder, Good Hope, Ill.

LANDRACE

April 21—(Night sale) Pine Tree Angus Farm, Box 528, R. 6, Anderson, Ind.

YORKSHIRES

April 21—Garland Bertram, Rutledge, Mo.

SHEEP

June 5—American Suffolk Ram and Ewe sale, Oskaloosa, Iowa. Roy B. Warrick, Mgr.

SHETLAND PONYS

April 11—Shetland Pony sale, Orient, Iowa. Harold Killion, Mgr.

DRAFT HORSE SALE

April 12—Breeders Horse sale, Orient, Iowa. Harold Killion, Mgr.

LIVESTOCK FIELDMEN

J. E. HALSEY, 1912 Grand Ave., Des Moines. Phone: Office 3-6181, Res. 7-3645.
THOS. W. SHERLOCK, Box 3, Oxford, Iowa. Phone 8-4367.
ARCH STONE, 1912 Grand Ave., Des Moines. Phone: Office 3-6181; Res. 9-6995.
We publish the FIRST and THIRD Saturday of every month. Copy for livestock advertising must reach our office FIFTEEN days before date of issue.

11th Annual South Central Iowa

ANGUS SHOW and SALE

An offering rich in the blood of great sires of top blood lines and many popular families will sell.

Plan to attend the SHOW which will be held on TUESDAY, APRIL 17 at 1:00 P. M. at the Southern Iowa Fair Grounds, and be sure to be with us at SALE TIME, WEDNESDAY, APRIL 18th at 12 Noon.

Selling 2 Bred Daughters of

KEY BARDOLIER

Bred to

Eileenmere L. 100th

A Grandson of Eileenmere 1029th

at

OSKALOOSA, IOWA

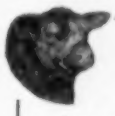
APRIL 18

Also offering a good 1955 open Jilt daughter of KEY BARDOLIER, and a 1955 daughter of EILEENMERE 1188th.

H. R. & W. W. WHITE
Sigourney, Iowa

11 HEIFERS - 2 BULLS

SELL AT OSKALOOSA, IOWA, APRIL 18



Our Heifers Selling In Last Year's Sale Won the Following Awards:

Reserve Champion FFA Heifer at Missouri State Fair.

Reserve Champion FFA Heifer at Iowa State Fair.

Four County Championships in 4-H Division.

Featuring the Gets of:

ANKONIAN 3509th

Our son of Homeplace Eileenmere 999 35th. 7 daughters and 2 sons will sell.

MERCER PRINCE ERIC

Our grandson of Prince Eric of Sunbeam. 4 daughters sell.

Included will be a very outstanding thick, typey GAMMER, a stylish, good headed BLACKCAP BESSIE, a top quality BALLINDALLOCH GEORGINA, a WITCH OF ENDOR, JILT, JUANA, EULIMA, ELUNA, BARBARA WOOODSON, and McHENRY BARBARA.

Also offering 3 heifers of similar breeding at the Mt. Pleasant, Iowa, sale, April 21.

L. W. LEISURE — L & E ANGUS FARM — RICHLAND, IOWA
Farm 3½ miles northwest

Buy the Service of

★ Elban Bardolier 4th

The latest addition to our herd sire battery, and a full brother to the Int. Ch., Elban Bardolier 3rd.

At

OSKALOOSA, IOWA

APRIL 18

3 Bulls - 5 Bred Heifers
Nearly all by

★ Bandoliermere 74th

Our well known son of Eva's Bandolier Lad.

Two heifers are by BLACKCAP'S BARDOLIER W., a son of Raona's Bardolier 3rd.

GLENN WILLHOIT AND SONS
Batavia, Iowa

Last Call!!

South Central Iowa Angus SHOW AND SALE

At the Southern Iowa Fair Grounds

OSKALOOSA, IOWA

SHOW	SALE
Tues., April 17	Wed., April 18
1:00 P. M.	12:00 Noon
JUDGE: Clayton Jennings Highmore, S. D.	AUCT.: Roy Johnston and Ray Sims

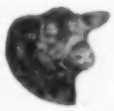
38 Bulls - 95 HEAD - 57 Females

Most of the bulls will be ready for heavy service. Several bred cows, bred heifers, and open heifers. We offer cattle that will improve your herd. Included are several of the most popular families, and good individuals from old reliable families, including: GEORGINA, GAMMER, EDWINA, JILT, ZARA, BARBARA, WITCH OF ENDOR, BLACKCAP BESSIE, EULIMA, ERIANNA, HARTLEY ELINE, and GLYN MAYR ELBA.

Send today for your FREE catalog. Please mention this publication. Address

CLYDE A. HANNA, Secy., OSKALOOSA, IOWA
Arch Stone, Fieldman

A 7 Head Consignment to



OSKALOOSA IOWA

APRIL 18

Featuring the Get and Service of

BLACKCAP ELBAN

A very strong headed, typey, heavy boned son of the Int. Ch. Elban Bardolier 3rd, and a FULL BROTHER to the $10,000 bull selling in El-Jon's last sale.

Also Selling

EL BARDOLIER 10th

A proven 5-year-old son of Elban Bardolier 3rd. Deep, smooth, and mellow fleshed.

CLIFFORD GAY
Oskaloosa, Iowa

From EL-JON FARMS To OSKALOOSA, IOWA APRIL 17-18

ELBAN BARDOLIER 3d
1951 International Champion Bull.

2 Sons of
ELBAN BARDOLIER 3rd

One from a daughter of the International Champion, Eilenmere 500th.

2 Sons of
QUALITY BANDOLIER 3rd

Our son of Eva's Bandolier Lad. Both from daughters of Raona's Bardolier 3rd.

Our two new sires purchased from Ankony are now on the farm, and we invite your inspection.

ELLIOT BROWN - MRS. IRENE BROWN
Owners
EL-JON FARMS, ROSE HILL, IOWA

SELLING AT OSKALOOSA, IOWA, APRIL 18

2 Good Sons of BLACKCAP BARDOLIER B. a son of Raona's Bardolier 3rd.
2 Open daughters of PRINCE ERIC of L & E, a son of Mercer Prince Eric by Prince Eric of Sunbeam. One an Evening Erica.

SELLING AT MT. PLEASANT, IOWA, APRIL 21

2 Sons of BLACKCAP BARDOLIER B.
3 Cows with calves at side.

Look over these consignments before the sales.

HENRY McCLEARY, PACKWOOD, IOWA

A Top Consignment to

OSKALOOSA, IOWA, APRIL 17-18

2 Sons and 4 Daughters of
EILEENMERE REVODENT 2nd

Sire of the Champion Futurity Female at the 1956 Iowa State Show and Sale, and of the second top selling bull at last year's Oskaloosa Sale.

Two good herd bull prospects, a show heifer safe in calf, a fancy Zara heifer, and two 4-H Club heifer prospects.

See also our consignment at the Southwest Iowa Sale, April 21, at Mt. Pleasant.

D. CARGILE BOLLMAN & SONS, PULASKI, IOWA

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FEED BP Blended Protein

FEED of CHAMPIONS

FOR MARKET OR SHOW RING

First in Leadership! First in Quality! First in Championships!

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IOWA HEREFORDS

IOWA HEREFORD BREEDERS

Get your name listed now in 1956 DIRECTORY

For Information, Contact

IOWA HEREFORD ASSOCIATION, CUMMING, IOWA

ABERDEEN ANGUS

Angus heifers make SUPERIOR MOTHERS

Less calving trouble

Angus heifers have less calving trouble, for Angus calves have smaller, polled-shaped heads. Gives you more calves to sell.

Give more milk

Angus cows are alert, aggressive mothers . . . provide more milk for their calves. Gives you bigger calves to sell. Be ahead! Build an Angus herd! Buy Black heifers!

American Angus Assn., Chicago 9, Ill.

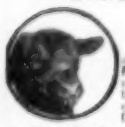
HOMELAND

Now offering at attractive prices 15 of our 1954 ANGUS heifers, ready to breed. All popular families, by our proven Herd Bulls, headed by **R.L.S. PRINCE ERIC 1st6th.** Only a few yearling bulls left, but they are **TOPS.** Visitors welcome. Write or phone 13F626.

MEIER BROTHERS

Melbourne, Iowa

CHOICE ANGUS



BULLS FOR SALE

Sons of **EILEENMERE W. B.**

Grandson of Eileenmere 4871b and Eileenmere Eric by **EILEENMERE W. B.** They are **12** to **24** months old. Ready for service. Herd bull prospects for Breeder or Farmer. They will size top cattle. Visit farm any time.

I. E. KEMP MARION, IOWA

KATHMAR ANGUS FARMS

Want a Bardolier?

DONAHUE, IOWA

HERD SIRES:
BARDOLIER 40th OF WILTON
son of Black Bardolier of White Gates 3rd
BARDOLIER 7th OF WILTON
son of Evaders Quality Bardolier
FEMALES of most popular families. Visit farm.

DR. C. E. BLOCK
718 1st Natl. Bldg. Davenport, Iowa

Brookdale Angus Farm

"The Home of The Beldoliers"

Choice rugged bulls now offered, ready for service. Herd Bulls: **PRINCE BARDOLIER,** and **BARON OF BORDULAC** by General of Bordulac. Cow herd rich in **BARDOLIER** breeding, the blood lines producing top cattle. Visit farm any time.

John W. Auman & Son, Marion, Iowa

Farm 9 mi. north of Cedar Rapids on Highway 150

WHAT WILL YOU HAVE?

WINTONIER OF BEN MOR

- MAID OF BUMMERS Bred heifer.
- COQUETTE. Heifer open and show prospect.
- TWO heifers, bred to our popular show bull EILTONIER ELINE S. 9th.
- OPEN Heifer—half sister to show bull.
- ONE BULL, ready for service, half brother to show bull.

SEE these at HAWKEYE ANGUS SHOW & SALE CEDAR RAPIDS, IOWA, APRIL 25

EILTONIER ANGUS FARMS, TIPTON, IOWA

ANGUS STEERS

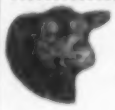
250 yearling steers offered. Good quality. Most of them out of Registered cows. Delivery anytime. Phone 33F212, Anilla, Missouri.

SUNNYLAND FARMS, R. 2, SARCOXIE, MO.

FEED BOW-KEY FEED

DES MOINES • • • • • IOWA

ABERDEEN ANGUS



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Choice Bulls offered, coming two year olds, rugged with type and merit. Ready for service.

Bandolier & Eileenmere

Breeding. Nothing finer.

Visit farm any time, 2½ miles south.

GARNETT WEST & SONS, Altoona, Ia.

M. B. ANGUS FARMS

PRINCE QUALITY OF SUNBEAM

His progeny have quality and merit. Several excellent young bulls by him and our other herd bulls. BAR QUALITY M. B. by Prince Quality of Sunbeam. RAGNAS PRINCE ERIC 21st by RLS Prince Eric 24th. We have the most fashionable families. Genuine Herd Bull Prospects. Act now. Farm 12 miles S.W. of Iowa City. Visitors always welcome. Phone Shamrock Center 2 on 35.

MAAS BROS., RIVERSIDE, IOWA

Meredith, Meredith, Jr., and Donald

HEREFORDS

CHOICE HEREFORD BULLS

10 to 30 Months Old

Sons of PEARSON DUKE 46th. They are Beefy Type Bulls, the kind everyone is looking for. Come and see. Visitors always welcome.

CHARLES AMOS & SONS
Indianola, Iowa

Better Hereford Bulls

Several top yearling and coming 2 year old bulls. A few good tried sires. Rugged, great heads, thick and pleasing type. REGENT, AVALON and SILVER breeding. Nothing finer. Priced right.

A. J. MINISH & SONS, DYSART, IOWA

HAYDEN'S HEREFORDS

Herd Bull Prospects. Selling choice heifer and ZATO Bull Calf . . . suitable for Club Work.

CRESTON SALE, APRIL 26

T. M. HAYDEN

ROUTE 2 CRESTON, IOWA

Double AA Hereford Farm

Offers choice Registered Horned HEREFORDS, sons of GOLDEN ASTER 55th 6728911. Visitors always welcome.

ARTHUR E. ADER ROLFE, IOWA

REGISTERED HEREFORDS

Bloodlines: **Battle Pioneer 54th, Domino Heir G.; Real Heir L.**

Bulls and Females for sale.

BUSH HEREFORDS LAKE PARK, IOWA

SKOW'S STOCK FARM

Horned Hereford Bulls, serviceable age. Also open heifers. Calfhood vaccinated for Bangs. Sired by **TH LARRY ONWARD 28th** 6745189, son of Thorp's famous MW Larry Onward 13th. Reasonable.

JOSEPH A. SKOW WESLEY, IOWA

POLLED HEREFORDS

Polled

HEREFORDS

For Sale—Our senior herd bull **ALF Choice Domino 74th** . . . also some good herd bull prospects . . . some nice bulls for the farmers . . . a few choice females . . . all by **ALF Choice Domino 74th** (the bull we are offering for sale), some by **ALF Mischief Stanway 27th.**

COME LOOK THEM OVER.

HAROLD KNOTT & SON
ELLISVILLE, ILLINOIS

CURRAN POLLED HEREFORDS

For Immediate Sale

Choice Herd Bull prospects by **CSF CHOICE DOMINO 2d, ALF. REAL ONWARD 16th, REGULATOR DOMINO 16th** and **CSF IOWA CHOICE 10th.** Herd federally accredited, all females officially calfhood vaccinated.

Curran Stock Farm, Mason City, Iowa

Fairview Farms

POLLED HEREFORDS

20 choice Bulls from 14 to 20 months old. GOLDMINE, PLATO and CHOICE DOMINO breeding.

Farm 2 miles N. 1½ E. of
GILBERT AHRENSTORFF
LAKE PARK, IOWA

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POLLED HEREFORDS

POLLED HEREFORDS

We have some strong aged bulls ready for heavy service for sale and a fine lot of young bulls coming on for both breeders and farmers. One of the breed's best known herds.

Headed by: **BATTLE MIXER, P. ANXIETY ASTER.** Come look them over.

P. M. CHRISTENSEN & SON, LONE ROCK, IA

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KILLEARN MAJOR

MODERN TYPE SHORTHORNS

Buy the blood of champions

N-BAR-PRINCE
International Grand Champion
KILLEARN MAJOR
The sire of champions in the strongest competition. Quality breeding stock available.

W. C. ANDERSON & SON, West Liberty, Iowa

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Outstanding Bulls, serviceable age, dark colors, by CLUNY POLARIS (Imp.) a Perth Winner. Dams by EDELLYN GOLDEN CONANT and BLYTHEWOOD REGALITE. Reasonable.

FLOYD FANNING NEMAHA, IOWA

POLLED SHORTHORNS

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POLLED SHORTHORN bulls, serviceable age with size and quality, by V. V. ROYAL LEADER 19th and SHADYBROOK COMMAND 53d. Priced right.

OTTO F. SCHRUNK & SONS, MAPLETON, IA.

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Production-Tested POLLED SHORTHORNS

The only profitable kind.
Always choice Bulls for sale.

BERT A. HANSON, VERNON CENTER, MINN.
Farm 30 miles north of Iowa line on U. S. 169

POLLED SHORTHORN BULLS

10 choice bulls for sale. **6** to **20** months old by **HIGHLAND EXCELLENCE** and **CEDARVALE SENSATION.** REASONABLE.

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DAIRY CATTLE

NOTICE—Dairy Calves. If calves are shipped or delivered on approval, full responsibility is assumed when purchaser accepts delivery. Remember calves are young, some are small, which much be considered when buying.

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Saddle Horses—young registered.

American Saddle mares.

Dairy bulls—Ayrshire, Brown Swiss, Guernsey, Holstein, Jersey.

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Iowa State College Ames, Iowa

HOLSTEINS & GUERNSEYS

Choice dairy heifers from **350** to **900** pounds. HOLSTEINS **13** cents per pound and GUERNSEYS **12** cents per pound. All Heifers sold by the pound. Also Springing cows and heifers. Write or call

LINK BROTHERS, INC., MINONG, WISCONSIN

TOP QUALITY
Holsteins, Guernseys, Brown Swiss.

All ages. Priced right.

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WISCONSIN'S GOOD QUALITY

HOLSTEIN AND GUERNSEY DAIRY HEIFERS AND HEIFER CALVES

Any age. Will deliver any sized order on approval by truck.

ROSS BLOTT, Box 527, MUKWONAGO, WIS.

BROWN SWISS

BROWN SWISS BULLS

Choice bulls offered, near serviceable age. Sons of LEE'S HILL ADEPT and ROXANA ROYAL MAJESTY. Dams have good HIR, and DHIA Records. Reasonable.

L. E. DENNIS, 512 W. 13th, STERLING, ILL.

JERSEYS

ACTIVE ACRES

JERSEY DISPERSAL

At farm 6 miles S.E. of

OSKALOOSA, IOWA, TUES., APRIL 24

Starting 12:30 P. M.

55 Registered Cows, Bulls and Heifer calves. 3 excellent cows, regards to 719 lbs. in 305 days. Many outstanding show prospects for **4-H** and **F.F.A.** members. **MEADOWRIDGE** and **OREGON** blood lines. Ask for FREE illustrated catalog.

HERBERT & ELEANOR HOOVER
R. 2, OSKALOOSA, IOWA

GOLDEN SUNSET JERSEYS

Wonderful Bull calf, Sept. 6, '55. Sire's Dam's record 19,365M, 753F, and his 3 nearest dams 13,365M, 704F. 3 of sire's nearest dams 13,900M, 734F. Next sire's 3 nearest dams 13,860M, 737F, and 3 years and his tested dam 13,280F, 672F. Price $200.

ENNIS JERSEY HERD FESTUS, MISSOURI

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GUERNSEY BULLS

Two choice registered bulls, serviceable age, by great sire out of strong milk producing dams. Reasonable.

IVAN BRENIZER, R. 3, LANCASTER, MO.

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REGISTERED GUERNSEYS

Herd 40 head offered, many close springers, DHIA Records, Calfhood Vaccinated. Well-known blood lines. Several 4-H heifer calves. REASONABLE.

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GUERNSEY SALE

Fair Grounds

DES MOINES, IOWA, APRIL 19

Lots of Heifers—all ages. 5 really fine bulls.

Ask for FREE catalog. Address

H. W. SPROLE, Clerk, Box 75, **MASON CITY, IOWA**

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WISCONSIN HOLSTEINS AND GUERNSEYS

CHOICE COWS, HEIFERS AND CALVES
Delivered on approval.

JAMES E. WELCH, R. 1, MUKWONAGO, WIS.

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MONTH OLD FOUNDATION HEIFERS.

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Choice cows and heifers, springers and open heifers. Phone No. 64.

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LINWOOD FARM

Purebred MILKING SHORTHORN bull calves up to 6 months, by two outstanding sires, LAST CHANCE DAIRYMAN, and BARRINGTON IMPERIAL, twice National Res. Grand Champion.

GEORGE W. HAINES WALKER, IOWA

MILKING SHORTHORNS

Choice Bulls and Females. Herd sire is BARRINGTON RESOLUTE by Neradeom King Arthur out of Red Queen of London. 7 nearest Dams **13,421 - 840 lbs.** Write or Visit.

REUBEN NAAR NEW HAMPTON, IOWA

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REGISTERED

AMERICAN LANDRACE

Iowa State College foundation stock since 1948

FOR IMMEDIATE SALE

Weanling pigs, boars, gilts, also bred sows and gilts. SIRED BY J. H. Landlord of Lady Gillette and Spangloo's breeding. Imported in dam, also Iowa State College and USDA (Beltsville) blood lines.

HAROLD F. MEARS
RR. 3 JEFFERSON, IOWA

IOWA LANDRACE

Directory

Following Breeders now offering Quality LANDRACE:
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VICTOR V. JOHNSON, Ankeny, Ia.
MA-KO-TA FARM, R.1, Ames, Ia.
M. W. MARTIN & SON, Hancock, Ia.
WESTWIND FARM, Don & Ed Lee, Letts, Ia.
ALBERT & MARTIN CLARK, Kanawha, Ia.
DON KOCH, Latimer, Iowa
G. N. KNICKERBOCKER, Radcliffe, Ia.
Write to any of the above for FREE information.

LANDRACE SALE

Fair Grounds

ALEXANDRIA, INDIANA, APRIL 21

Night Sale 7:00 P. M.

PUREBRED **Gilts, Sows, Boars, Pigs, Litters,** from one of the **Top** herds in Indiana. "HOME OF CHAMPIONS". Ask for FREE information. Address

PINE TREE ANGUS FARM
R. 6, Box 328 ANDERSON, INDIANA

REG. AMERICAN LANDRACE BOARS AND GILTS

Breedbeds Free. Visitors Welcome.

ORVILLE NESSA STORY CITY, IOWA

IMPORTED LANDRACE

Gilts and Boars now available from 687 lb. 56-day litters—second highest on record. Imported Landrace exclusively, from top show winners and top production tests.

PERRY PHILIPS FARM COLUMBIA, MO.

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Be Sure To Let Us Know

Send us your new address as soon as possible . . . then you will continue to receive your copies of Wallaces' Farmer and Iowa Homestead.

SELECT HEREFORD SALE

WED., APRIL 18

1:00 P.M. at Orient Sale Barn

ORIENT, IOWA

35 Registered Herefords

20 Bulls 15 Females

The offering will include bulls ready for service and younger bulls . . . for the purebred or commercial breeder. All classes and kinds of females, many of them selling in pasture condition, just right for the practical buyer.

We will accept consignments right up to sale time . . . including consignments of Angus or Shorthorn, or high grade cattle in groups.

Free catalogs will be available day of sale. For further information on the sale, or if interested in consigning, contact

HAROLD KILLION or WAYNE R. WILSON, Sale Mgrs., GREENFIELD, IOWA

Shetland Pony and Horse Sale

TWO BIG DAYS AND NIGHTS

Wed., April 11 — Shetland Ponies

Thurs., April 12 — Horses and Mules

Many outstanding Shetland Ponies, and some top quality big horses, as well as good saddle horses. Plan to be with us.

CONSIGNMENTS WILL BE WELCOME ON THE HORSE AND PONY SALE RIGHT UP TO DAY OF SALE.

For further information please contact

HAROLD KILLION or WAYNE R. WILSON, Sale Mgrs., GREENFIELD, IOWA

HOG RAISERS

If you have never tried Bolson's Early Weaner and Bolson's 18% High Energy Pig Starter, test feed it this year against what you are now feeding.

L. C. BOLSON CO. DECORAH, IOWA A NAME YOU CAN TRUST IN FEEDS!

AMERICAN LANDRACE

Purebred Boars, excellent breeding, type desired for crossbred litters that mature fast, MEAT-TYPE. Gilts and Sows bred for Jan., Feb. and March farrow. (Delivered.) Reasonable.
J. H. SCHROOTEN R. 1, FAIRMONT, MINN.

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Offering top winning herd 1955 Iowa LANDRACE Show. Fall Boars—Bred Gilts—Unrelated weanling pigs. Iowa Brucellosis free Herd No. 201. Visitors welcome.
MA-KO-TA FARM Rt. 1, AMES, IOWA

HYBRID HOGS

LUCIE HYBRID BOARS

The only herd backed by 17 years performance testing.
1. Save 10 to 20% on feed.
2. Produce MEAT-TYPE hogs.
3. Raise more pigs per litter.
4. Go to market 2 weeks earlier.

1¾ Million pigs sired by
LUCIE HYBRID BOARS

Guaranteed breeders. We deliver. Phone 265F6. Farm 1½ miles northwest.
LUCIE HYBRID HOG FARM, Augusta, Illinois

MEAT TYPE BOARS

We have best quality boars to offer the year around. Our boars will contribute HYBRID vigor, stronger pigs, better mothers, faster gain, on less feed per 100 lbs. of gain. Larger litters, raised to market, and a solid MEAT TYPE carcass. Save $50 to $75 per boar and buy direct. No salesman's commission to pay. Our strains are exclusive. All animals guaranteed to be clean and breeders.

McALLISTER SEED FARMS
Mt. Pleasant, Iowa

HYBRID HOGS

Meat Type Hybrid — Get the Full Story
1. Save 20 lbs. feed per 100 lbs. gain.
2. Raise 1-2 more pigs per litter.
3. Go to market 2 weeks sooner.

HERE'S PROOF. Over 2 million pigs sired by Wilson Hybrid Boars—800 customers—8 years continuous increase in sales. Vaccinated for Cholera and Erysipelas, blood tested. Guaranteed breeders Free delivery. Write for free literature. Dealership available.
WILSON HYBRID HOG ASSN., Harlan, Iowa

POLAND CHINAS

HILL BROOK FARM

POLAND CHINA Fall Boars. Herd boar prospects, with plenty of size and quality. Clean heads, good feet and legs. Priced right.
OTTO F. SCHRUNK & SONS, MAPLETON, IA.

TAMWORTHS

TAMWORTHS

Choice Fall Boars, serviceable age. 6 bred gilts. All well-grown. Can be registered. Brucellosis Accredited Herd. Reasonable.
GODFREY JINDRICH, NORTH LIBERTY, IA.

YORKSHIRES

YORKSHIRE SALE

Located just south of Iowa state line near
RUTLEDGE, MISSOURI, SATURDAY, APRIL 21

25 Open Gilts - 25 Choice Boars

The boars are big, rugged, ready for service. Gilts will make genuine breed sows. All registered. The breeding that has helped to make the breed popular. COME! Ask for FREE catalog. Address

GARLAND BERTRAM, Owner, RUTLEDGE, MO.
Rainbow Valley Farm

YORKSHIRE BRED SOWS

Plenty of gilts, extreme size, quality. Bred to Straight English boar of great length. If you desire the best, we have them. Will farrow from Feb. to May. Farm 1½ mi. E. & ¼ mi. S. Phone Turner 2-3582.
E. C. MARTY & SON LUVERNE, IOWA

ENGLISH YORKSHIRE

Fall boars, with lots of size, and quality by son of Iowa and Nebraska Grand Champion. Reasonable. Farm 4½ miles S.E.
BOB C. WALTERS ELDORA, IOWA

IOWA YORKSHIRES

BREEDERS ASSOCIATION

For FREE information about YORKSHIRES and list of Iowa Yorkshire Breeders. Write now.
JIM HENDERSON, Sec.-Treas. COIN, IOWA

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Term soon. Ask for FREE catalog. Home study course available. Founded 1921. G.I. Training approved.
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America's leading Auctioneers teach you. Students sell actual sales during term. Our graduates are successful. Earn large income. Term soon. FREE catalog.
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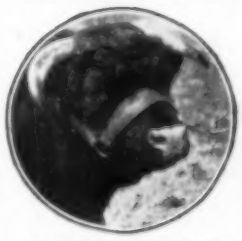
Successful sales for leading breeders. Life-time experience all types of livestock. Rates reasonable. Phone: Office 3-6181; Res. 7-3645.
J. E. HALSEY, Box 1317, DES MOINES, IOWA

KNOBHILL SHORTHORN DISPERSION



H. N. HARRISON, Owner

WASHTA, IOWA

MONDAY, APRIL 30

Sale at farm located 4 miles West and 2½ miles North of Washta, Iowa, or 15 miles due South of Marcus, Iowa, on State Road 143, or approximately 35 miles East of Sioux City, Iowa. Sale starts promptly at 12:00 Noon.

SELLING 125 HEAD

Knobhill Farm has been sold. Everything must sell.

2 HERD BULLS
7 YOUNG BULLS
32 COWS with calves at foot and rebred
32 BRED COWS AND HEIFERS
20 OPEN HEIFERS

This is one of the oldest Shorthorn herds in the state, and only top herd bulls have ever been used, and only sale top foundation females have ever been added.

The two great herd bulls that sell are Imp. KNOBHILL PLATTS, and KNOBHILL ECHO 2D by Uppermill Viscount. Several of the young bulls are by imported sires and out of imported dams.

Two great imported cows and several daughters of imported cows are included. This is strictly a select and producing cow herd developed through many years of constructive breeding.

The good females in this herd are sired by such noted sires as Cruggleton Earl, Ascreavie Lucky Dip, Knobhill Platts, Uppermill Viscount, Edellyn Royal Leader, Edellyn Marine Mercury, Edellyn Valiant Mercury, Imp. Prince William, Gregg Farms Champion, Mondamin Upright and Merdale Mercury.

Considering all the cows with calves at foot or near calving, and the choice heifers, this is a herd from which new herds can be established with confidence. Every animal will be fully guaranteed and sold under the standard guarantee of the American Shorthorn Breeders' Association. Every animal will be T.B. and Bangs tested, and those produced on the farm in the last 5 years have all been calfhood vaccinated. Every calf at foot will be registered and transfers to new owners furnished free of charge.

Don't miss the dispersion of this long time established herd. Ask for FREE catalog. Kindly mention this publication. Address

ALBERT J. HAMANN, Sale Manager, ROCK RAPIDS, IOWA

Auct.: J. E. Halsey — Lunch at Farm — T. W. Sherlock, Fieldman

CRESTON Hereford Breeders Sale

Comfortable heated sale pavilion

THURSDAY, APRIL 26, CRESTON, IOWA

Sale Starts at 12:30 P. M.

52 HEAD

OF QUALITY HEREFORDS

30 Bulls - 22 Females

"BETTER QUALITY CALVES NEXT YEAR MEANS A BETTER HEREFORD BULL NOW"

A highly desirable offering from reliable herds in Creston area. Bulls, well-bred, rugged, many ready for service. They will please those looking for a herd bull. The females include a few cows with calves and rebred, several bred heifers and attractive open heifers, several ideal for 4-H projects this year.

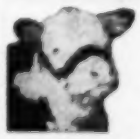
Walter Blauer	Afton	Hancock Farm	Osceola
Adolph Beck	Lenox	Merideth Farms	Lorimor
E. E. Carr	Mt. Ayr	Ora Reed	Orient
J. A. Cipra	Cromwell	W. Wayne Sheriff	Orient
Harold Gilman	Stuart	H. J. Sheriff	Orient
C. C. Granfield	Lorimor	Wimmer Herefords	Afton
Bill Haines	Greenfield	Woods Herefords	Orient
T. M. Hayden	Creston		

Remember, Creston, Iowa, Thursday, April 26 for Quality Herefords

Plan now to attend. Ask for FREE catalog. Kindly mention this publication. Address

LLOYD H. WOODS, Secy., Rt. 2, ORIENT, IOWA

Auctioneer: Freddie Chandler — Arch Stone, Fieldman



POLLED HEREFORD SALE

BALATON, MINNESOTA, WEDNESDAY, MAY 2

10 Bulls - 45 Females

Choice Registered AB POLLED HEREFORDS, 3 excellent tried sires, 7 good rugged coming 2 year old bulls, ready for service, 45 desirable females from 2 years to 6 years old. Ask now for FREE catalog, showing close-up Grand Champion breeding. Kindly mention this publication. Address

RASMUSSEN STOCK FARM, BALATON, MINNESOTA

ECONOMY GRADE RED CEDAR SHINGLES
DO THE JOB BEST / COST LESS

Fair weather or foul, only genuine cedar shingles give the protection, the long life, and the *natural* insulation your farm buildings need. And, in the economy grades, real cedar remains the *one best buy* in a quality building material! Your lumber dealer has the right grade for the roof or wall construction you may be planning. See him soon—and, *now*, send for free folders showing all the ways good-looking, long-lasting cedar shingles can help make your farm building more attractive, more weather-tight, more profitable.

FREE! **SEND COUPON FOR THESE THREE HELPFUL BOOKLETS!**

RED CEDAR SHINGLE BUREAU
5510 White Building, Seattle 1, Washington

Gentlemen: Please send my copies of the booklets *"Roof and Wall Shingling Made Easy," "How to Gain the Luxury of Cedar at Low Cost,"* and *"Cedar Shingle Roofs and Exterior Walls."*

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ADDRESS .....

TOWN ..... STATE .....

IN CANADA, ADDRESS: 550 Burrard Street, Vancouver 1, B. C.

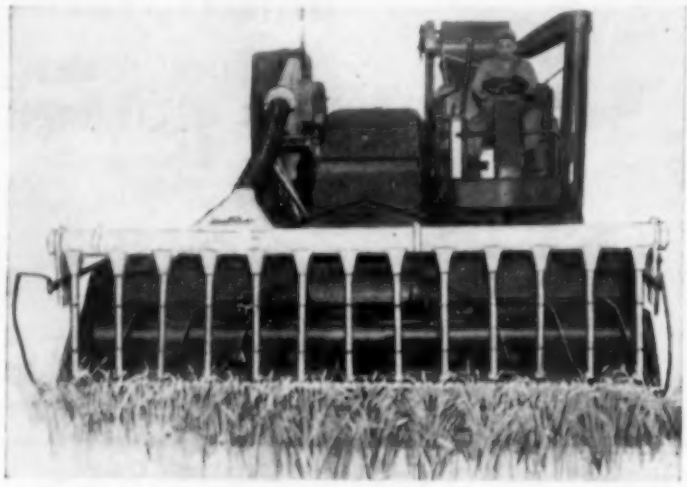
Low Cost Dynamite
FOR STUMPS—ROCKS—DITCHES
Save money ordering by mail direct from the largest distributor of explosives and supplies in the Mid-West. Write for free information and prices on dynamite, powder and exploding wedges.
BOWEN'S SUPERIOR EXPLOSIVES CO.
P. O. Box 25 Mason City, Iowa

SLOW DOWN AND LIVE

New Morton ROLLER CHAIN Elevators

HEAVY DUTY TYPE
Before building your crib, write for our free crib plans, also large catalog showing many styles of "NEW MORTON" FARM ELEVATORS with the Original and Genuine Roller Chain. Strongest, Simplest and Easiest Running. Elevates beans, oats, ear corn. 50 bu. in 3 to 5 minutes. Any style hoist. Built to fit your crib. Write today.
MORTON ELEVATOR CO.
Box 438, MORTON, ILL.

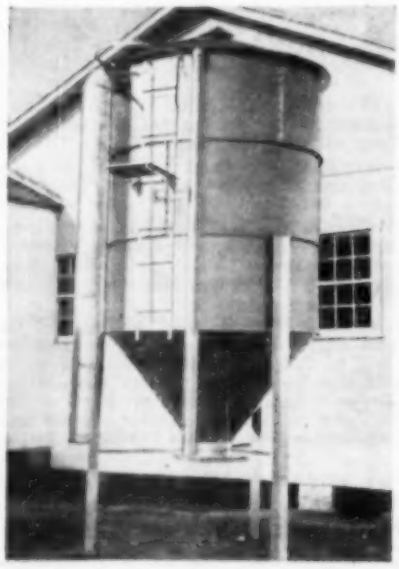
For further information about any of the products shown here, write to Wallaces' Farmer and Iowa Homestead, Des Moines, Iowa.



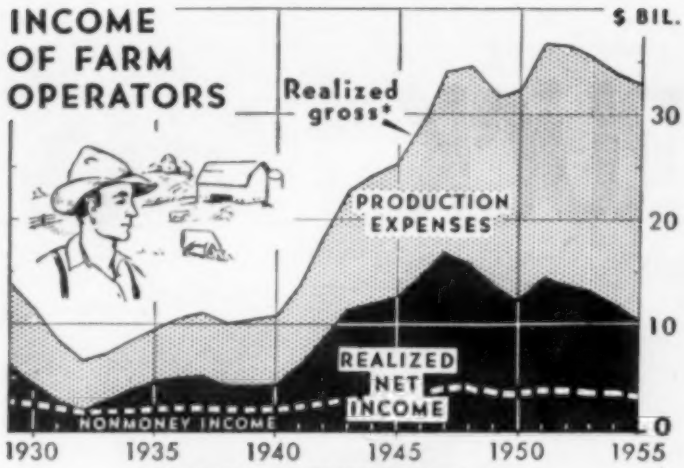
Wind-Reel is a new attachment replacing the revolving batt-type reel for combines. Blower, powered by combine, forces air thru pipes near the ground in front of cutter bar. Thus grain is forced into sickle and onto the auger platform. Made by Dunbar Kapple, Inc.

New window-clear sewing boxes have built-in thread cutters. Twenty-four spool spindles radiate around central pin cushion. Separate compartments for pins, needles, scissors, etc. Made by Bakelite Division, Union Carbide and Carbon Corp.

Egg cooling unit is made in six or 12 case size. Has refrigeration system which can be easily removed for servicing. Maintains correct temperature and humidity. Accessories available include egg gathering baskets. Introduced by Master-Bilt Refrigeration Mfg. Co.



Bulk feed storage bin is offered in sizes from 80 to 800 bushels. Four separate compartments add to its usefulness. Silver Shield bin can be filled by an ordinary elevator or by pneumatic delivery truck. Unloading is simple with easily regulated outlet valve. Slope in the bottom assures free flow of feed out of the bin. Shipped knocked down and can be set up outside, inside or even in a barn loft. Made by Clayton & Lambert Mfg. Co.



Which way will that farm net income line go this year? It's been going down for five years. Economists say farm production expenses will not go down. Upturn in farm income will have to come from higher prices.

What's Ahead...

FARMERS have begun to cut hog production from present high levels. Last December, farmers in nine important hog states said they would reduce sows for spring pigs 3.5 percent. On March 1, farmers in the same states indicated they would farrow seven percent fewer spring sows than one year before. See page 18 for details of the nine-state pig crop survey.

Homer Hush

The pig crop will still be big, however. Profitable corn-hog price ratio will not return this fall. But higher average hog prices should come in 1957.

POSSIBILITY exists that corn loans might be returned to 90 percent of parity. There's an argument about what some effects might be. But this much seems quite certain:

1. Farmers who became eligible would get about 24 cents per bushel more on corn loans than the announced loan figure for 1956 corn. National average loan rate would be about $1.64 instead of $1.40.
2. Corn acreage would probably be reduced by the higher loan. Higher rewards would draw more farmers into compliance with allotments.
3. Hog numbers would tend to be reduced faster. Farmers would be more cautious about buying feeder cattle.

CORN FED cattle receipts will let up as summer comes. There are fewer light cattle on feed than one year ago. Cattle were held on ranges. So a rise in prices for choice steers seems likely between now and July.

After August, there'll be lots of "two-way" cattle on markets. Steers held back last fall will be coming to market. And some of them will be grass fat. Low grade slaughter cattle will be plentiful. The price spread will widen between low and high grade fat cattle.

Competition between feeder buyers and packers for the good grass cattle may not be as sharp as usual this fall. There may be enough cattle for both.

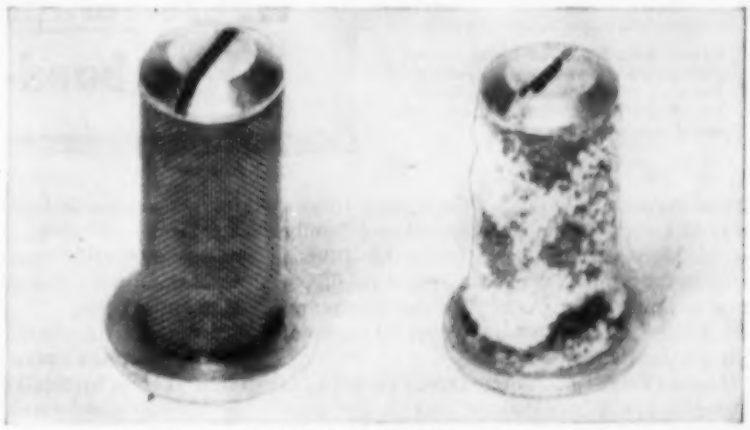
CHICK PRODUCTION in February was the largest of record. Chicks for other than broiler purposes increased 22 percent over the same month last year. The March hatch, when announced, is expected to be big. Egg laying flock this fall will be larger than early expectations.

STEADY DEMAND for farm products is likely to continue thru this year. Economists in both Washington and New York are optimistic about business. They say we've passed the low point in housing starts and auto production.

This is favorable for farmers. But it won't solve the farmers' price problems by itself. We'll have to stimulate consumption, adjust production, or do both if the market is to pay farmers a fair price.

Now Monsanto makes weed killing SIMPLE AS 1-2-3

1. **MIXING...FAST AND EASY!** From container to spray tank to start-up of spraying . . . it's a matter of minutes. Monsanto weed and brush killers mix quick. You get a uniform spray solution fast. No guessing, no wondering. You know that the spray you lay down, rod after rod, has even, unvarying killing power!



2. **SPRAYING...CLEAN AND EVEN!** No more spotty spraying from clogged nozzles. Special Monsanto anti-clog agents make the use of baking soda unnecessary in hard-water areas. You'll find you can cover ground faster, finish spraying sooner. Remember: for best spraying, use clean water.

3. **WEED KILLING...CERTAIN!** Special wetting agents make Monsanto weed and brush killers cover, penetrate and kill! The directions on each container are easy to understand. Read them, follow them. You'll know you've done the job right. And you can depend on the job you've done!

SEE YOUR MONSANTO DEALER . . . This sign identifies him in your town. He'll have Monsanto's powerful new weed and brush killers . . . the right formulation for your crop, your locality, the weeds and brush you want to kill. He'll be the first to bring you new chemical farm hands from Monsanto research and development.

OTHER MONSANTO PRODUCTS FOR THE FARM... Medo-Green® to keep silage fresh, Parathion insecticides, phosphates (liquid and solid), Lion Brand ammonium nitrate, sulphate of ammonia, anhydrous ammonia. MONSANTO CHEMICAL CO., Organic Chemicals Division, St. Louis 1, Mo.

GROW MORE PROFITABLY
MONSANTO
FARM CHEMICALS

THE TANK TRUCK

FILL-UP TIME. *While son Eldren (center) fills up the tractor with dependable Conoco Gasoline, Art Echternkamp (right) talks over the day's busy farming schedule with son, Loren.*

FRESHMEN FARMERS! *Loren's daughters, Wanda Lee (left) and Ethel Ann pose prettily as Dad holds tight to son, Davie. At far left, Eldren's son, Sherrill, handles his tractor like a veteran!*

Where farming and family go hand-in-hand!

In and around the Quincy, Illinois, area, there's no need to ask where the Echternkamp family farms! More than 90 years back, this Illinois farming family first set roots in this neighborhood . . . and today, Arthur Echternkamp and sons Eldren and Loren handle over 600 acres of rich, productive farm land!

General farming . . . done family style . . . is the key to the Echternkamps' success. But raising good crops to feed their hogs, dairy cattle and sheep requires *plenty* of hard-running, smooth-operating equipment. To be exact: 4 tractors, a self-propelled combine, plus several cars and trucks.

That's why Arthur and sons have relied 100% on dependable Conoco products since 1935 . . . with never a lubrication failure in 20 years!

"Quality and dependability are the 'hallmarks' of Conoco products," Arthur recently told us, ". . . they've just got to be first rate, or we wouldn't use them! Conoco has been a 'real partner' in our family organization. With Conoco, we keep maintenance costs *down* . . . and equipment efficiency *up*!"

Dependable Conoco products can be a "real partner" in *your* farming plans, too. Learn how by calling your nearby Conoco Man *today!*

For the Protection you need . . . New Conoco Super Motor Oil!

America's first *double-duty* oil contains two great discoveries to guarantee you *full-time* protection against friction and corrosive wear!

Oil-Plating® . . . a Conoco exclusive . . . conquers friction wear by plating a tough film of lubricant to engine surfaces. It's a film that *won't drain down*, even overnight!

Oil-Cleansing conquers corrosive wear by rust-proofing your engine . . . by *neutralizing* combustion acids *instantly* . . . and by holding dirt and dust in harmless oil suspensions until draining time.

Today, ask your Conoco Man for New Conoco Super Motor Oil. Available in all recommended grades!

BARBECUED WIENERS

by Mrs. Joss Prock, Route 1, Cartersville, Okla.

- 1 teaspoon melted butter
- ½ cup finely chopped onion
- 1 teaspoon black pepper
- 2 tablespoons sugar
- 2 teaspoons mustard
- ½ cup tomato catsup
- 8 teaspoons Worcestershire Sauce
- 2 tablespoons vinegar
- 2 dozen wieners

Place melted butter in saucepan and add chopped onion. Cook until slightly brown, then add other ingredients. Mix together and pour over wieners in baking dish. Bake 25 to 30 minutes at 350 degrees.

Shears for recipes! Send your favorites to Mrs. Annie Lee Wheeler, Dept. L, Conoco Cafeteria, Ponca City, Oklahoma. For every recipe published with your name, we'll award a pair of Wiss Pinking Shears, worth $8.95. All recipes become the property of Continental Oil Company.

Post Hole Cleaner

From D. W. Child, of Cheyenne, Wyoming, comes this idea for cleaning loose dirt from bottom of deep corner post hole. Take grain drill disc and make auger as shown. Weld ¾" pipe coupling to disc. Attach center pipe and handle.

For the Power you want . . . CONOCO Super with TCP*!

Regardless of make or year, your car, truck, and tractor *deserve* the astonishing power benefits of Conoco Super Gasoline with TCP. This great gasoline gives you up to 15% more power . . . better gas mileage . . . longer spark-plug life . . . and all the benefits of an engine tune-up! Today, get a tankful of Conoco Super with TCP . . . *still* the greatest gasoline development in 31 years!

Saws for Ideas!

Like to win a genuine D-95 Henry Disston Hand Saw, worth $10.00? Just mail your original ideas to *The Tank Truck*, Dept. L, Continental Oil Company, Ponca City, Oklahoma. If your idea is used, you get the saw! All ideas become the property of Continental Oil Company.

PRODUCTS YOU CAN DEPEND ON!

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- New Conoco Super Motor Oil
- Conoco HD Oil
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- Conoco Kerosene
- Conoco Super Gasoline with TCP
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- Conoco Transmission Oil
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